TOSHIBA

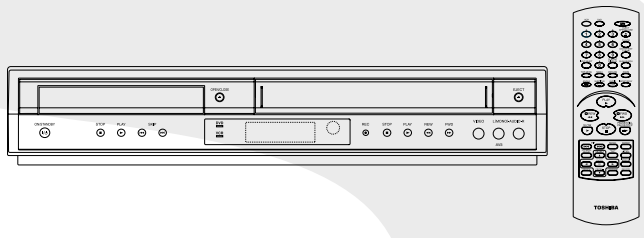
FILE NO. 810-200410

SERVICE MANUAL

DVD VIDEO™ COMPACT disc DIGITAL VIDEO COMPACT disc DIGITAL AUDIO dts® DIGITAL OUT DOLBY DIGITAL 3D Surround Sound VHS PAL Hi-Fi

DVD PLAYER & VIDEO CASSETTE RECORDER

SD-24VESE
SD-24VBSB
SD-24VLSL



MARCH, 2004

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SECTION 1

SUMMARY

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PRODUCT SAFETY SERVICING GUIDELINES FOR VIDEO PRODUCTS

CAUTION : DO NOT ATTEMPT TO MODIFY THIS PRODUCT IN ANY WAY, NEVER PERFORM CUSTOMIZED INSTALLATIONS WITHOUT MANUFACTURER'S APPROVAL. UNAUTHORIZED MODIFICATIONS WILL NOT ONLY VOID THE WARRANTY, BUT MAY LEAD TO YOUR BEING LIABLE FOR ANY RESULTING PROPERTY DAMAGE OR USER INJURY.

SERVICE WORK SHOULD BE PERFORMED ONLY AFTER YOU ARE THOROUGHLY FAMILIAR WITH ALL OF THE FOLLOWING SAFETY CHECKS AND SERVICING GUIDELINES. TO DO OTHERWISE, INCREASES THE RISK OF POTENTIAL HAZARDS AND INJURY TO THE USER.

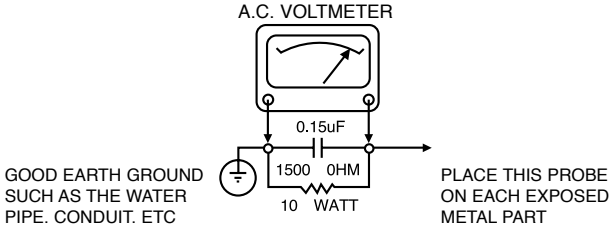
WHILE SERVICING, USE AN ISOLATION TRANSFORMER FOR PROTECTION FROM A.C. LINE SHOCK.

SAFETY CHECKS

AFTER THE ORIGINAL SERVICE PROBLEM HAS BEEN CORRECTED. A CHECK SHOULD BE MADE OF THE FOLLOWING.

SUBJECT : FIRE & SHOCK HAZARD

1. BE SURE THAT ALL COMPONENTS ARE POSITIONED IN SUCH A WAY AS TO AVOID POSSIBILITY OF ADJACENT COMPONENT SHORTS. THIS IS ESPECIALLY IMPORTANT ON THOSE MODULES WHICH ARE TRANSPORTED TO AND FROM THE REPAIR SHOP.
2. NEVER RELEASE A REPAIR UNLESS ALL PROTECTIVE DEVICES SUCH AS INSULATORS, BARRIERS, COVERS, SHIELDS, STRAIN RELIEFS, POWER SUPPLY CORDS, AND OTHER HARDWARE HAVE BEEN REINSTALLED PER ORIGINAL DESIGN. BE SURE THAT THE SAFETY PURPOSE OF THE POLARIZED LINE PLUG HAS NOT BEEN DEFEATED.
3. SOLDERING MUST BE INSPECTED TO DISCOVER POSSIBLE COLD SOLDER JOINTS, SOLDER SPLASHES OR SHARP SOLDER POINTS. BE CERTAIN TO REMOVE ALL LOOSE FOREIGN PARTICLES.
4. CHECK FOR PHYSICAL EVIDENCE OF DAMAGE OR DETERIORATION TO PARTS AND COMPONENTS. FOR FRAYED LEADS, DAMAGED INSULATION (INCLUDING A.C. CORD). AND REPLACE IF NECESSARY FOLLOW ORIGINAL LAYOUT, LEAD LENGTH AND DRESS.
5. NO LEAD OR COMPONENT SHOULD TOUCH A RECIVING TUBE OR A RESISTOR RATED AT 1 WATT OR MORE. LEAD TENSION AROUND PROTRUNING METAL SURFACES MUST BE AVOIDED.
6. ALL CRITICAL COMPONENTS SUCH AS FUSES, FLAMEPROOF RESISTORS, CAPACITORS, ETC. MUST BE REPLACED WITH EXACT FACTORY TYPES, DO NOT USE REPLACEMENT COMPONENTS OTHER THAN THOSE SPECIFIED OR MAKE UNRECOMMENDED CIRCUIT MODIFICATIONS.
7. AFTER RE-ASSEMBLY OF THE SET ALWAYS PERFORM AN A.C. LEAKAGE TEST ON ALL EXPOSED METALLIC PARTS OF THE CABINET, (THE CHANNEL SELECTOR KNOB, ANTENNA TERMINALS. HANDLE AND SCREWS) TO BE SURE THE SET IS SAFE TO OPERATE WITHOUT DANGER OF ELECTRICAL SHOCK. DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST USE AN A.C. VOLTMETER, HAVING 5000 OHMS PER VOLT OR MORE SENSITIVITY, IN THE FOLLOWING MANNER; CONNECT A 1500 OHM 10 WATT RESISTOR, PARALLELED BY A .15 MFD. 150.V A.C TYPE CAPACITOR BETWEEN A KNOWN GOOD EARTH GROUND (WATER PIPE, CONDUIT, ETC.) AND THE EXPOSED METALLIC PARTS, ONE AT A TIME. MEASURE THE A.C. VOLTAGE ACROSS THE COMBINATION OF 1500 OHM RESISTOR AND .15 MFD CAPACITOR. REVERSE THE A.C. PLUG AND REPEAT A.C. VOLTAGE MEASUREMENTS FOR EACH EXPOSED METALLIC PART. VOLTAGE MEASURED MUST NOT EXCEED 75 VOLTS R.M.S. THIS CORRESPONDS TO 0.5 MILLIAMP A.C ANY VALUE EXCEEDING THIS LIMIT CONSTITUTES A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED IMMEDIATELY.


A.C. VOLTMETER
0.15uF
1500 0HM
10 WATT
GOOD EARTH GROUND SUCH AS THE WATER PIPE. CONDUIT. ETC
PLACE THIS PROBE ON EACH EXPOSED METAL PART

SUBJECT: GRAPHIC SYMBOLS

THE LIGHTNING FLASH WITH APROWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

SUBJECT : X-RADIATION

1. BE SURE PROCEDURES AND INSTRUCTIONS TO ALL SERVICE PERSONNEL COVER THE SUBJECT OF X-RADIATION. THE ONLY POTENTIAL SOURCE OF X-RAYS IN CURRENT T.V. RECEIVERS IS THE PICTURE TUBE. HOWEVER, THIS TUBE DOES NOT EMIT X-RAYS WHEN THE HIGH VOLTAGE IS AT THE FACTORY SPECIFIED LEVEL. THE PROPER VALUE IS GIVEN IN THE APPLICABLE SCHEMATIC. OPERATION AT HIGHER VOLTAGES MAY CAUSE A FAILURE OF THE PICTURE TUBE OR HIGH VOLTAGE SUPPLY AND, UNDER CERTAIN CIRCUMSTANCES, MAY PRODUCE RADIATION IN EXCESS OF DESIRABLE LEVELS.
2. ONLY FACTORY SPECIFIED C.R.T. ANODE CONNECTORS MUST BE USED. DEGAUSSING SHIELDS ALSO SERVE AS X-RAY SHIELD IN COLOR SETS, ALWAYS RE-INSTALL THEM.
3. IT IS ESSNTIAL THAT SERVICE PERSONNEL HAVE AVAILABLE AN ACCURATE AND RELIABLE HIGH VOLTAGE METER. THE CALIBRA TION OF THE METER SHOULD BE CHECKED PERIODICALLY AGAINST A REFERENCE STANDARD, SUCH AS THE ONE AVAILABLE AT YOUR DISTRIBUTOR.
4. WHEN THE HIGH VOLTAGE CIRCUITRY IS OPERATING PROPERLY THERE IS NO POSSIBILITY OF AN X-RADIATION PROBLEM. EVERY TIME A COLOR CHASSIS IS SERVICED. THE BRIGHTNESS SHOULD BE RUN UP AND DOWN WHILE MONITORING THE HIGH VOLTAGE WITH A METER TO BE CERTAIN THAT THE HIGH VOLTAGE DOES NOT EXCEED THE SPECIFIED VALUE AND THAT IT IS REGULATING CORRECTLY, WE SUGGEST THAT YOU AND YOUR SERVICE ORGANIZATION REVIEW TEST PROCEDURES SO THAT VOLTAGE REGULATION IS ALWAYS CHECKED AS A STANDARD SERVICING PROCEDURE. AND THAT THE HIGH VOLTAGE READING BE RECORDER ON EACH CUSTOMER'S INVOICE.
5. WHEN TROUBLESHOOTING AND MAKING TEST MEASUREMENTS IN A PRODUCT WITH A PROBLEM OF EXCESSIVE HIGH VOLTAGE, AVOID BEING UNNECESSARILY CLOSE TO THE PICTURE TUBE AND THE HIGH VOLTAGE SUPPLY. DO NOT OPERATE THE PRODUCT LONGER THAN IS NECESSARY TO LOCATE THE CAUSE OF EXCES SIVE VOLTAGE.
6. REFER TO HV. B+ AND SHUTDOWN ADJUSTMENT PROCEDURES DESCRIBED IN THE APPROPRIATE SCHEMATIC AND DIAGRAMS (WHERE USED).

SUBJECT: IMPLOSION

1. ALL DIRECT VIEWED PICTURE TUBES ARE EQUIPPED WITH AN INTE GRAL IMPLOSION PROTECTION SYSTEM, BUT CARE SHOULD BE TAKEN TO AVOID DAMAGE DURING INSTALLATION, AVOID SCRATCHING THE TUBE. IF SCRATCHED REPLACE IT.
2. USE ONLY RECOMMENDED FACTORY REPLACEMENT TUBES.

SUBJECT : TIPS ON PROPER INSTALLATION

1. NEVER INSTALL ANY PRODUCT IN A CLOSED-IN RECESS, CUBBYHOLE OR CLOSELY FITTING SHELF SPACE. OVER OR CLOSE TO HEAT DUCT, OR IN THE PATH OF HEATED AIR FLOW.
2. AVOID CONDITIONS OF HIGH HUMIDITY SUCH AS: OUTDOOR PATIO INSTALLATIONS WHERE DEW IS A FACTOR, NEAR STEAM RADIATORS WHERE STEAM LEAKAGE IS A FACTOR, ETC.
3. AVOID PALCEMENT WHERE DRAPERIES MAY OBSTRUCT REAR VENTING. THE CUSTOMER SHOULD ALSO AVOID THE USE OF DECORATIVE SCARVES OR OTHER COVERINGS WHICH MIGHT OBSTRUCT VENTILATION.
4. WALL AND SHELF MOUNTED INSTALLATIONS USING A COMMERCIAL MOUNTING KIT. MUST FOLLOW THE FACTORY APPROVED MOUNTING INSTRUCTIONS A PRODUCT MOUNTED TO A SHELF OR PLATFORM MUST RETAIN ITS ORIGINAL FEET (OR THE EQUIVALENT THICKNESS IN SPACERS) TO PROVIDE ADEQUATE AIR FLOW ACROSS THE BOTTOM, BOLTS OR SCREWS USED FOR FASTENERS MUST NOT TOUCH ANY PARTS OR WIRING. PERFORM LEAKAGE TEST ON CUSTOMIZED INSTALLATIONS.
5. CAUTION CUSTOMERS AGAINST THE MOUNTING OF A PRODUCT ON SLOPING SHELF OR A TILTED POSITION, UNLESS THE PRODUCT IS PROPERLY SECURED.
6. A PRODUCT ON A ROLL-ABOUT CART SHOULD BE STABLE ON ITS MOUNTING TO THE CART. CAUTION THE CUSTOMER ON THE HAZARDS OF TRYING TO ROLL A CART WITH SMALL CASTERS ACROSS THRESHOLDS OR DEEP PILE CARPETS.
7. CAUTION CUSTOMERS AGAINST THE USE OF A CART OR STAND WHICH HAS NOT BEEN LISTED BY UNDERWRITERS LABORATORIES, INC. FOR USE WITH THEIR SPECIFIC MODEL OF TELEVISION RECEIVER OR GENERICALLY APPROVED FOR USE WITH T.V.'S OF THE SAME OR LARGER SCREEN SIZE.
8. CAUTION CUSTOMERS AGAINST THE USE OF EXTENSION CORDS, EXPLAIN THAT A FOREST OF EXTENSIONS SPROUTING FROM A SINGLE OUTLET CAN LEAD TO DISASTROUS CONSEQUENCES TO HOME AND FAMILY.

SERVICING PRECAUTIONS

CAUTION : Before servicing the VCR+DVD covered by this service data and its supplements and addends, read and follow the SAFETY PRECAUTIONS. NOTE : if unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions in this publications, always follow the safety precautions.
Remembers Safety First:

General Servicing Precautions

1. Always unplug the VCR+DVD AC power cord from the AC power source before:
   (1) Removing or reinstalling any component, circuit board, module, or any other assembly.
   (2) Disconnection or reconnecting any internal electrical plug or other electrical connection.
   (3) Connecting a test substitute in parallel with an electrolytic capacitor.
   Caution : A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

2. Do not spray chemicals on or near this VCR+DVD or any of its assemblies.

3. Unless specified otherwise in this service data, clean electrical contacts by applying an appropriate contact cleaning solution to the contacts with a pipe cleaner, cotton-tipped swab, or comparable soft applicator.
   Unless specified otherwise in this service data, lubrication of contacts is not required.

4. Do not defeat any plug/socket B+ voltage interlocks with whitch instruments covered by this service manual might be equipped.

5. Do not apply AC power to this VCR+DVD and/or any of its electrical assemblies unless all solid-state device heat sinks are cerrectly installed.

6. Always connect test instrument ground lead to the appropriate ground before connection the test instrument positive lead. Always remove the test instrument ground lead last.

Insulation Checking Procedure

Disconnect the attachment plug from the AC outlet and turn the power on. Connect an insulation resistance meter(500V) to the blades of the attachment plug. The insulation resistance between each blade of the attachment plug and accessible conductive parts (Note 1) should be more than 1M-ohm.
Note 1 : Accessible Conductive Parts including Metal panels, Input terminals, Earphone jacks, etc.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field effect transistors and semiconductor chip components.
The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.

2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.

3. Use only a grouned-tip soldering iron to solder or unsolder ES devices.

4. Use only an anti-static solder removal device. Some solder removal devices not classified a “anti-static” can generate electrical charges sufficient to damage ES devices.

5. Do not use freon-propelled chemicals. These can generate electrical charge sufficient to damage ES devices.

6. Do not remove a replacement ES device from its protec tive package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil, or comparable conductive material).

7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Normally harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

SERVICE INFORMATION FOR EEPROM IC SETTING

EEPROM option code No. setting

NAME	HEX	BINARY
OPT1	00	00000000
OPT2	00	00000000
OPT3	00	00000000
OPT4	00	00000000
OPT5	00	00000000
OPT6	00	00000000

WR : OK I : EXIT MOVE : ◄ ►
EDIT : ▲▼

MASKROM : R00
EEPROM : R00 LG CODE

MODEL	NAME	HEX	BINARY
SD-24VL	F8	00	00000000
	C3	00	00000000
	5A	00	00000000
	21	00	00000000
SD-24VB	F8	00	00000000
	CD	00	00000000
	4A	00	00000000
	02	00	00000000
SD-24VE	F8	00	00000000
	D6	00	00000000
	7A	00	00000000
	00	00	00000000

WR : OK I : EXIT MOVE : ◄ ►
EDIT : ▲▼

EEPROM option code No. setting procedure

1. DETECT NEW EEPROM (OPTION EDIT SCREEN)
   - Eeprom EDIT screen automatically appears if replacing Eeprom.
   - Setup option data using the cursor Up/Down key of a remote control.
     (Setup upon BOM depending on OPT1~OPT4 model)
   - Since an initial remote control is set to LG for LG model, appropriately set optiona data using the cursor Up/Down key.

   - For TOSHIBA model, change a remocon key by using following JIG key.
     TOSHIBA MODEL : EJECTKEY (2ND)
     (LG/TOSHIBA CODE)

2. EEPROM WRITED COMPLETE SCREEN
   - Writes data on EEPROM by using REMOCON "OK".
   - If completing the option data screen with a menu key, Powering Off is automatically done and the option edit screen is arranged.

3. PG ADJUST
   - Plays PAL SP TAPE for adjusting the AUTO PG.
   - A 0:00:00 is played in the field if pressing the front play with Remocon number "1" key played during PAL SP.
   - The 0:00:00 in the field represents position of the TRACKING PRESET.
   - "OFF" is displayed in the field if pressing the front play key with the remocon number "1" in the status of the tracking preset pressed, and "ON" is displayed in the field if AUTO PG operation is automatically performed and completed.
   - DECK STOP > plays if above operation is completed. Set operation is performed depending on changed PG values. These values are stored in the EEPROM area.

4. EEPROM INITIAL
   - SETUP is displayed in the field if pressing the FRONT REC KEY with the remocon number "CLEAR" key pressed in the status of powering Off.
   - AUTO SEARCH is done since the initial screen of ACMS is serviced if powering On.
   - Check basic operation (PLAY/RECORD...)

TOSHIBA

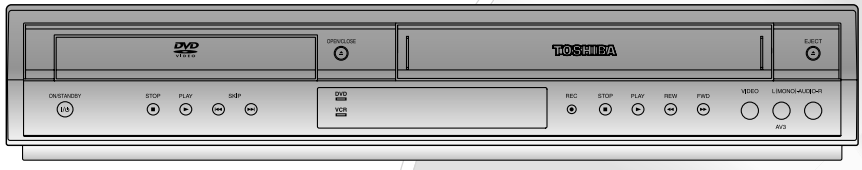
DVD PLAYER &
VIDEO CASSETTE RECORDER

SD-24VBSB

OWNER'S MANUAL

VHS PAL Hi-Fi

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely.



©2004 Toshiba Corporation
This device does not tape-record copy protected DVD Video Discs.

Safety Precautions

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

CAUTION:

This Digital Video Disc Player employs a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference, should the unit require maintenance, contact an authorized service location-see service procedure.
Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION: The apparatus shall not be exposed to water, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

CE This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 89/336/EEC, 93/68/EEC and 73/23/EEC.

Notes on copyrights:

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyright material without permission.
This product features the copy protection function developed by Macrovision. Copy protection signals are recorded on some discs.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

Features:

- Complete versatility to play DVD, VCDs, audio CDs or VHS Tapes.
- Watch a DVD while recording a TV show to the VCR.
- Remote controls DVD and VCR decks.
- Records from DVD to VHS (unless DVD is copy protected with Macrovision).
- Hi-Fi Stereo VCR.

SERIAL NUMBER: The serial number is found on the back of this unit. This number is unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase.

Model No. _____

Serial No. _____

POWER: This unit operates on a mains supply of 200-240V, 50Hz.

WIRING: This unit is supplied with a BSI 1363 approved 13 amp mains plug, fused at 5 amp. When replacing the fuse always use a 5 amp BS 1362, BSI or ASTA approved type. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer. If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. Please refer to the wiring instructions below:

WARNING: A mains plug removed from the mains lead of this DVD player must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket.
Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol ⏚ or coloured green or green and yellow.
If any other plug is fitted, use a 5 amp fuse, either in the plug, or at the distribution board.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following codes:
- BLUE: NEUTRAL, BROWN: LIVE - As the colours of the wires in the mains lead of this unit may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

****

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment

****

DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.
DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.
DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.
DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL

---NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

---NEVER guess or take chances with electrical equipment of any kind
---it is better to be safe than sorry!

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About the symbols for instructions

⚠ Indicates hazards likely to cause harm to the unit itself or other material damage.

Indicates special operating features of this unit.

Indicates tips and hints for making the task easier.

Playable Discs

DVD VIDEO	DVD (8 cm / 12 cm disc)
COMPACT disc DIGITAL VIDEO	Video CD (VCD) (8 cm / 12 cm disc)
COMPACT disc DIGITAL AUDIO	Audio CD (8 cm / 12 cm disc)

In addition, this unit can play SVCD, DVD±R/RW and CD-R/RW that contains audio titles, MP3 or JPEG files.

Notes

- Depending on the conditions of the recording equipment or the CD-R/RW (or DVD±R/RW) disc itself, some CD-R/RW (or DVD±R/RW) discs cannot be played on the unit.
- Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc.
- Do not use irregular shaped CDs (e.g., heart-shaped or octagonal). It may result in malfunctions.

Notes on DVDs and Video CDs

Some playback operations of DVDs and Video CDs may be intentionally fixed by software manufacturers. As this unit plays DVDs and Video CDs according to disc content designed by the software manufacturer, some playback features of the unit may not be available, or other functions may be added.
Refer also to the instructions applied with the DVDs and Video CDs. Some DVDs made for business purposes may not be played on the unit.

Regional code of the DVD player and DVDs

This DVD player is designed and manufactured for playback of region “2” encoded DVD software. The region code on the labels of some DVD discs indicates which type of player can play those discs. This unit can play only DVD discs labeled “2” or “ALL”. If you try to play any other discs, the message “Check Regional Code” will appear on the TV screen. Some DVD discs may not have a region code label even though their playback is prohibited by area limits.

Disc-related terms

Title (DVD only)

The main film content or accompanying feature content or additional feature content, or music album. Each title is assigned a title reference number enabling you to locate it easily.

Chapter (DVD only)

Sections of a picture or a musical piece that are smaller than titles. A title is composed of one or several chapters. Each chapter is assigned a chapter number, enable you to locate the chapter you want. Depending on the disc, chapters may not be recorded.

Track (Video CD and audio CD only)

Sections of a picture or a musical piece on a video CD or an audio CD. Each track is assigned a track number, enabling you to locate the track you want.

Scene

On a video CD with PBC (Playback control) functions, moving pictures and still pictures are divided into sections called “Scenes”. Each scene is displayed in the menu screen and assigned a scene number, enabling you to locate the scene you want.
A scene is composed of one or several tracks.

Types of video CDs

There are two types of video CDs:

Video CDs equipped with PBC (Version 2.0)

PBC (Playback control) functions allow you to interact with the system via menus, search functions, or other typical computer-like operations. Moreover, still pictures of high resolution can be played if they are included in the disc.

Video CDs not equipped with PBC (Version 1.1)

Operated in the same way as audio CDs, these discs allow playback of video pictures as well as sound, but they are not equipped with PBC.

Moisture Condensation

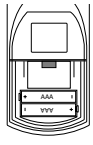
Never operate the DVD+VCR immediately after moving it from a cold location to a warm location. Leave it for two or three hours without operating it. If you use the DVD+VCR in such a situation, it may damage discs/tapes and internal parts.

Remote Control Operation Range

Point the remote control at the remote sensor and press the buttons.

- **Distance:** About 23 ft (7 m) from the front of the remote sensor
- **Angle:** About 30° in each direction of the front of the remote sensor

Remote control battery installation



Detach the battery cover on the rear of the remote control, and insert two (R03/AAA) size batteries with ⊕ and ⊖ aligned correctly.

Caution

Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

Precautions

Handling the unit

When shipping the unit
The original shipping carton and packing materials come in handy. For maximum protection, re-pack the unit as it was originally packed at the factory.

When setting the unit
The picture and sound of a nearby TV or radio may be distorted during playback. In this case, position the unit away from the TV or radio, or turn off the unit after removing the disc.

To keep the surface clean
Do not use volatile liquids, such as insecticide spray, near the unit. Do not leave rubber of plastic products in contact with the unit for a long period of time. They will leave marks on the surface.

Cleaning the unit

To clean the cabinet
Use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents, such as alcohol, benzine, or thinner, as these might damage the surface of the unit.

To obtain a clear picture
The DVD player is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality will be poor.
Regular inspection and maintenance are recommended after every 1,000 hours of use. (This depends on the operating environment.)
For details, please contact your nearest dealer.

Notes on Discs

Handling discs

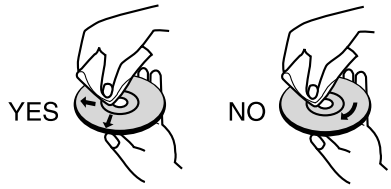
Do not touch the playback side of the disc.
Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.

Storing discs

After playing, store the disc in its case.
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

About Symbols

About the ⃠ symbol display

" ⃠ " may appear on the TV screen during operation. This icon means the function explained in this owner's manual is not permitted by the DVD+VCR or is not available on that specific DVD video disc.

About the disc symbols for instructions

A section whose title has one of the following symbol is applicable only to the disc represented by the symbol.

- **DVD** DVD
- **VCD2.0** Video CDs with the PBC (playback control) function.
- **VCD1.1** Video CDs without the PBC (playback control) function.
- **CD** Audio CDs.
- **MP3** MP3 disc.
- **JPEG** JPEG disc.

Selecting the Viewing Source

You must select one of your output sources (DVD or VCR) to view on the TV screen.

- **If you want to view DVD deck output source:**
Press DVD until DVD indicator in the display window lights and output source of DVD deck is viewed on the TV screen.
- **If you want to view VCR deck output source:**
Press VCR until VCR indicator in the display window lights and output source of VCR deck is viewed on the TV screen.

Notes
- If you insert a disc while the DVD+VCR is in the VCR mode, the DVD+VCR will switch to DVD mode automatically.
- If you insert a cassette tape without prevention tab while the DVD+VCR is in the DVD mode, the DVD+VCR will switch to VCR mode automatically.

Front Panel

OPEN/CLOSE
Opens or closes the disc tray.

Display window
Shows the current status of the DVD+VCR.

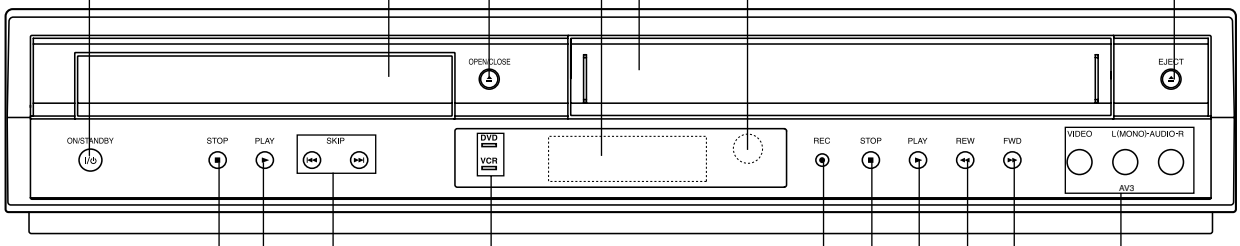
Disc Tray (DVD deck)
Insert a disc here.

Cassette Compartment (VCR deck)
Insert a video cassette here.

Remote Sensor
Point the DVD+VCR remote control here.

ON/STANBY
Switches the DVD+VCR ON and OFF.

EJECT
Ejects the tape in the VCR deck.



DVD/VCR indicator
Indicates the active deck.

STOP (■)
Stops playback of disc.

PLAY (▶)
Starts playback of a disc in the DVD deck.

REC
To record normally or to activate One-touch Timer Recording by repeated presses.

SKIP (I◀◀ / ▶▶I)
- Skip to beginning of current chapter or track, press twice in quick successions to go to previous chapter or track.
- Skip to next chapter or track.

Press and hold button for about two seconds to search backward or forward.

STOP (■)
Stops playback of tape.

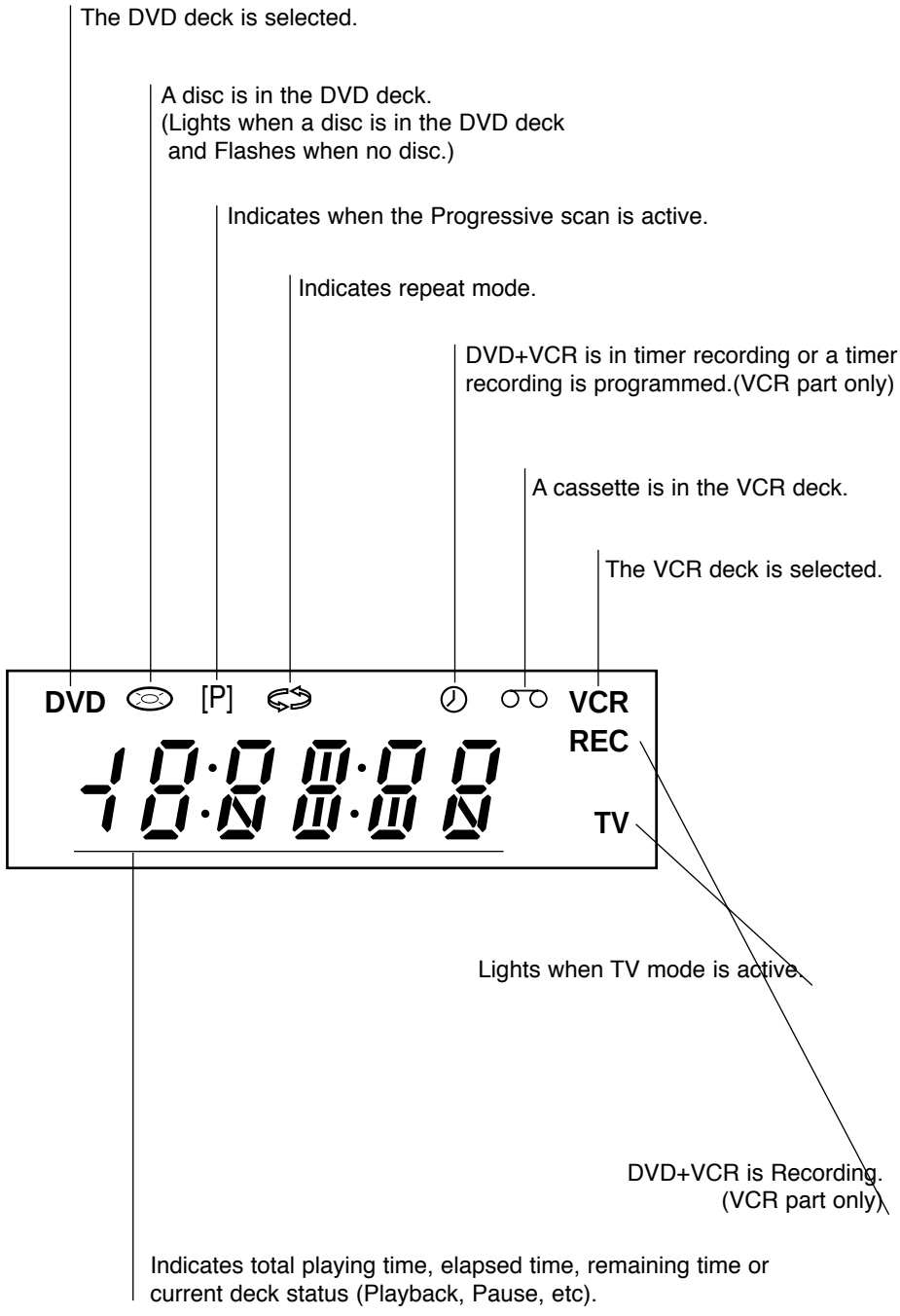
PLAY (▶)
Starts playback of a tape in the VCR deck.

REW
Rewinds the tape during the STOP mode or for fast reverse picture search.

FWD
Advances the tape during the STOP mode or for fast forward picture search.

AV3 (VIDEO IN/AUDIO IN (Left/Right))
Connect to the audio/video output of an external source (Audio system, TV/Monitor, Another VCR).

Display Window


The DVD deck is selected.
A disc is in the DVD deck.
(Lights when a disc is in the DVD deck
and Flashes when no disc.)
Indicates when the Progressive scan is active.
Indicates repeat mode.
DVD+VCR is in timer recording or a timer
recording is programmed.(VCR part only)
A cassette is in the VCR deck.
The VCR deck is selected.
DVD
[P]
VCR
REC
TV
Lights when TV mode is active.
DVD+VCR is Recording.
(VCR part only)
Indicates total playing time, elapsed time, remaining time or
current deck status (Playback, Pause, etc).

Remote Control

DVD/VCR select button
Select the output source (DVD or VCR) to view on the TV screen.

0-9 numerical buttons
Selects numbered options in a menu.

INPUT SELECT
To select the VCR deck's source (Tuner, AV1, AV2 or AV3).

ANGLE ●
Selects a DVD camera angle if available.

SUBTITLE ●
Selects a subtitle language (DVD).

AUDIO ●
Selects an audio language (DVD) or an audio channel (CD).

INSTANT REPLAY ●
Replays through 10 seconds of playback.

PLAY ●
Starts playback.

REW ●
Rewinds the tape during the STOP mode or for fast reverse picture search. Press and hold button for about two seconds to search backward. (For DVD only)

FWD ●
Advances the tape during the STOP mode or for fast forward picture search. Press and hold button for about two seconds to search forward.(For DVD only)

SLOW ●
Forward slow playback.

STOP ●
Stops playback.

PAUSE/STILL, PAUSE/STEP ●
Pause playback or recording. Press repeatedly for frame-by-frame playback during pause.

SKIP I◄◄ ●
Skip to beginning of current chapter or track, press twice in quick successions to go to previous chapter or track.

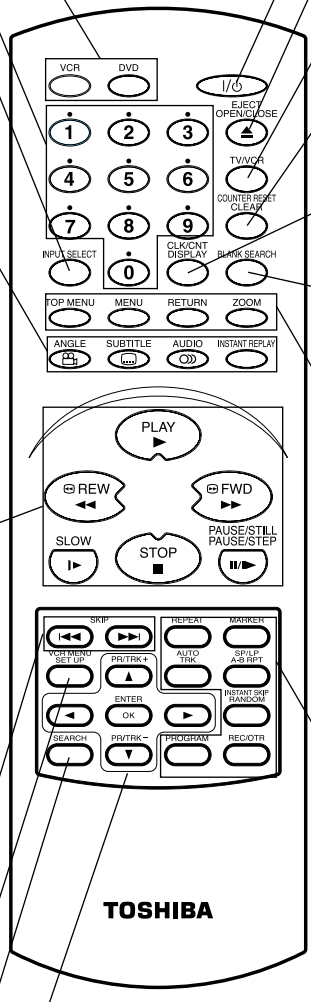
SKIP ►►I ●
Skip to next chapter or track.

SET UP, VCR MENU
Accesses or removes DVD setup menu and VCR menu.

SEARCH
Displays MARKER SEARCH menu.

◄/►/▲/▼ (left/right/up/down) ●
- Selects an option in the menu
- **PR/TRK** (+/-): Selects channel of VCR. Adjusts manually the tape's picture onscreen.

ENTER/OK ●
- Acknowledges menu selection.
- Displays functions on the TV screen.



I/⏻ (POWER)
Switches DVD+VCR ON and OFF.

EJECT, OPEN/CLOSE
- Opens and closes the disc tray.
- Ejects the tape in the VCR deck.

TV/VCR
To view channels selected by the VCR tuner or by the TV tuner.

COUNTER RESET, CLEAR
- Resets tape counter to M 0:00:00
- Removes a track number on the program menu or a mark on the MARKER SEARCH menu.

CLK/CNT, DISPLAY
Accesses On-Screen display. Switches among the clock, tape counter and tape remaining modes on the display.

BLANK SEARCH
Finds end points of recording.

• TOP MENU
Displays the disc's Title menu, if available.

• MENU
Accesses menu on a DVD disc.

• RETURN
Removes the setup menu.

• ZOOM
Enlarges video image.

• REPEAT
Repeat chapter, track, title, all.

• A-B RPT (REPEAT), SP/LP
- Repeats sequence.
- Selects recording speed of the tape.

• MARKER
Marks any point during playback.

• RANDOM, INSTANT SKIP
- Plays tracks in random order.
- Fast forwards picture search through 30 seconds of recording.

• REC/OTR
Records normally or activates One-touch Timer Recording with repeated presses.

• AUTO TRK
Adjusts automatically the tape's picture onscreen.

• PROGRAM
Accesses or removes Program menu.

Note
This remote control uses the same buttons for VCR and DVD functions (ex. PLAY).
When using a VCR, first press the VCR button.
When using a DVD, first press the DVD button.

Rear Panel

AERIAL
Connect the aerial using this jack.

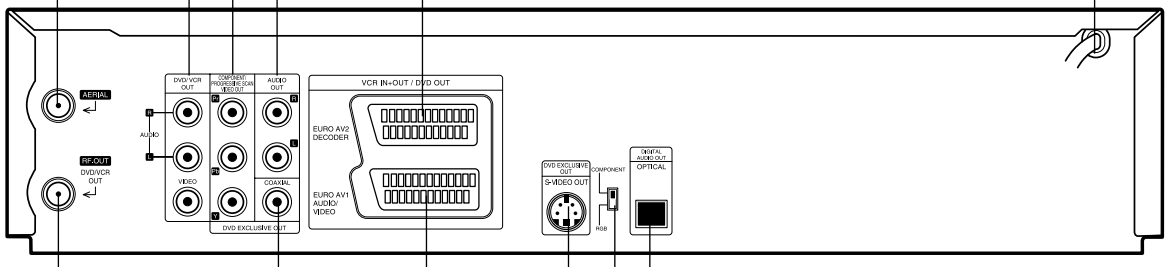
DVD/VCR OUT (VIDEO/AUDIO (Left/Right))
Connect to a TV with video and audio inputs.

COMPONENT/PROGRESSIVE SCAN VIDEO OUT (Y Pb Pr)
(DVD EXCLUSIVE OUT)
Connect to a TV With Y Pb Pr inputs.

AUDIO OUT (Left/Right) (DVD EXCLUSIVE OUT)
Connect to an amplifier, receiver or stereo system.

EURO AV2 DECODER
Connect to pay-TV decoder, Set Top Box or another video recorder.

AC Power Cord
Connect to a power source.



OPTICAL (DVD EXCLUSIVE OUT)
(Digital audio out jack)
Connect to digital (optical) audio equipment.

VIDEO OUTPUT Switch
Select either **COMPONENT** or **RGB** depending on how you connect this unit to the TV.

S-VIDEO OUT (DVD EXCLUSIVE OUT)
Connect to a TV With S-Video input.

EURO AV1 AUDIO/VIDEO (VCR IN+OUT/DVD OUT)
Connect to your TV set or another video recorder.

COAXIAL (DVD EXCLUSIVE OUT)
(Digital audio out jack)
Connect to digital (coaxial) audio equipment.

RF.OUT (DVD/VCR OUT)
Connect to your TV using this jack.

⚠

Do not touch the inner pins of the jacks on the rear panel.
Electrostatic discharge may cause permanent damage to the unit.

Tips

- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the unit.
- Please refer to the manuals of your TV, Stereo System or other devices as necessary to make the best connections.
- For better sound reproduction, connect this unit's AUDIO OUT jacks to the audio in jacks of your amplifier, receiver, stereo or audio/video equipment. See "Connecting to Optional Equipment" on page 12.

Caution

– Make sure this unit is connected directly to the TV. Set the TV to the correct video input channel.
– Do not connect this unit's AUDIO OUT jack to the phono in jack (record deck) of your audio system.

Connecting to a TV

- Make one of the following connections, depending on the capabilities of your existing equipment.
- When using the SCART's RGB signal, set the video output switch to **RGB**. When using the **COMPONENT/PROGRESSIVE SCAN VIDEO OUT** jacks, set the video output switch to **COMPONENT**.
- RGB signal is only exclusive for DVD playback.

Basic connection (AV)

1 Connect the **EURO AV1 AUDIO/VIDEO** on the rear panel of this unit to the SCART input socket on the TV using a SCART lead.
For TV without SCART, connect the yellow VIDEO OUT jack and DVD/VCR AUDIO OUT jacks of this unit to the TV.

2 Some TV broadcasters transmit encoded television signals which you can only see with a purchased or rented decoder. You can connect such a decoder (descrambler) to this unit.

Basic connection (RF)

1 Connect the RF antenna cable from your indoor/ outdoor antenna to **AERIAL** jack on the rear panel of this unit.

2 Connect the supplied RF antenna cable from the **RF.OUT (DVD/VCR OUT)** jack on the rear panel of this unit to your television's Antenna Input.

S-Video connection

1 Connect the **S-VIDEO OUT** jack on this unit to the S-Video in jack on the TV using the S-Video cable (not supplied).

2 Connect the Left and Right **AUDIO OUT (DVD EXCLUSIVE OUT)** jacks of this unit to the audio left/right in jacks on the TV using the audio cables.

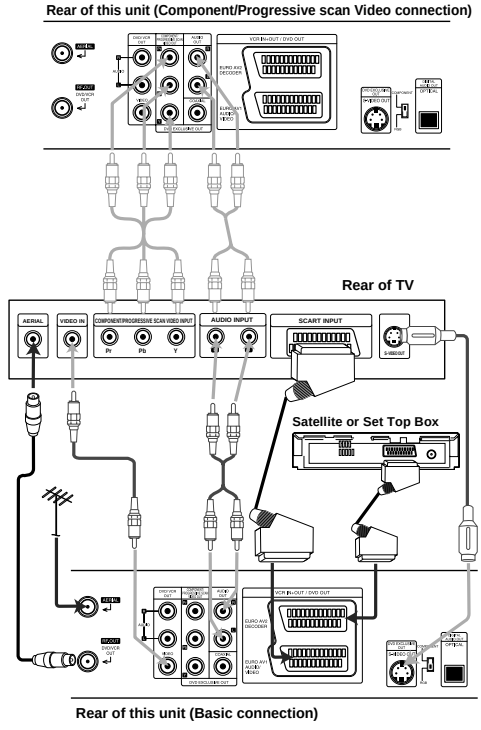
Component (Color Stream®) / Progressive Scan (ColorStream® pro) Video connection (DVD EXCLUSIVE OUT)

1 Connect the **COMPONENT/PROGRESSIVE SCAN VIDEO OUT/(DVD EXCLUSIVE OUT)** jacks on the DVD+VCR to the corresponding in jacks on the TV using an Y Pb Pr cable (not supplied).

2 Connect the Left and Right **AUDIO OUT (DVD EXCLUSIVE OUT)** jacks of the DVD+VCR to the audio left/right in jacks on the TV using the audio cables.

Notes

- If your television is a high-definition or "digital ready" television, you may take advantage of the DVD+VCR's progressive scan output for the highest video resolution possible.
- Set the Progressive Scan to "On" on the setup menu for progressive scan signal, see page 19.
- When you use Component Video signal (interlace mode), set the Progressive Scan to "Off" on the setup menu.
- If you set Progressive Scan to ON in error, you must reset the DVD+VCR. First, remove the disc in the DVD+VCR. Next, press STOP (■) and hold it for five seconds before releasing it. The video output will be restored to the standard setting, and a picture will once again be visible on a conventional analog TV or monitor.
- Progressive scan on does not work with the analog video connections (yellow VIDEO OUT jack or S-VIDEO OUT jack).
- If the TV has an S-video input, connect the DVD player with the S-video cable. When using an S-video cable, do not connect the yellow video cable.



Connecting to Optional Equipment

Connecting to an amplifier equipped with two channel analog stereo or Dolby Surround.

Connect the Left and Right **DVD/VCR AUDIO OUT** or **AUDIO OUT (DVD EXCLUSIVE OUT)** jacks on this unit to the audio left and right in jacks on your amplifier, receiver or stereo system, using the audio cables.

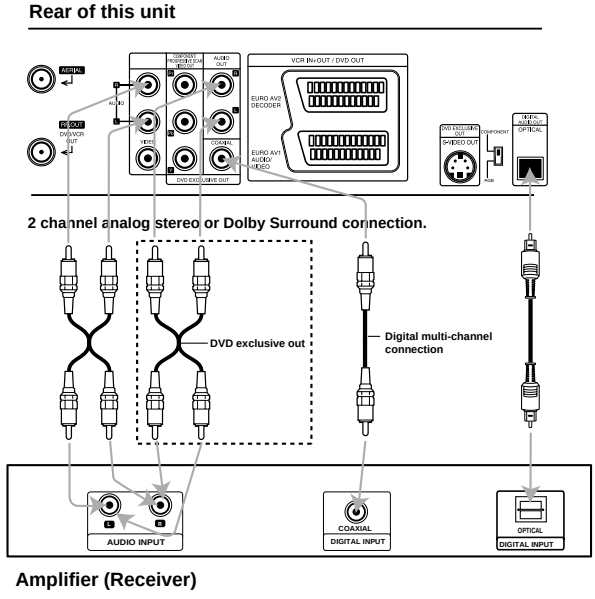
Connecting to an amplifier equipped with two channel digital stereo (PCM) or to an Audio/ Video receiver equipped with a multi-channel decoder (Dolby Digital™, MPEG 2 or DTS)

1. Connect one of this unit's DIGITAL AUDIO OUT jack (**COAXIAL** or **OPTICAL**) to the corresponding in jack on your amplifier. Use an optional digital (optical or coaxial) audio cable.
2. You will need to activate this unit's digital output. (See "Digital Audio Output" on page 20).

Digital Multi-channel sound

A digital multi-channel connection provides the best sound quality. For this you need a multi-channel Audio/Video receiver that supports one or more of the audio formats supported by your unit (MPEG 2, Dolby Digital and DTS). Check the receiver manual and the logos on the front of the receiver.

Warning:
Due to the DTS Licensing agreement, the digital output will be in DTS digital out when DTS audio stream is selected.



Notes

- If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.
- Six Channel Digital Surround Sound via digital connection can only be obtained if your receiver is equipped with a Digital Multi-channel decoder.
- To see the audio format of the current DVD in the On-Screen Display, press **AUDIO**.

Tuning in a video channel on your TV

Notes

- The output frequency of this video recorder (VCR) is set at UHF channel 36. If channel 36 is already used by another TV station, or if the picture is distorted, you can change the transmitter channel of your VCR. Stages 5 ~ 8 will show you how to change the output frequency of your DVD+VCR.
- Your TV receives signals from the video recorder (VCR) like another TV station. You have to select a channel number on your TV and tune it in so that you may watch video tapes. If you have used a **SCART** then your TV should already have a dedicated video channel built into it, usually called **AV**.

1 Make sure that you have correctly installed your VCR as described earlier in this book.
Press I/⏻ to turn on your DVD+VCR.
Turn on your TV.

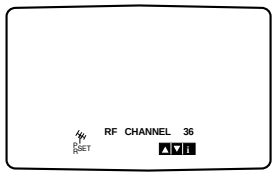
2 Insert a pre-recorded video tape into your VCR and press **PLAY** ► on the remote control.
Select a TV channel number on which you wish to watch video's.
Don't worry if you don't have a video-tape to play at this stage! If you switch your DVD+VCR on and continue stages **3 ~ 4**, instead of seeing video playback tune your TV until you see a bright blue screen.

3 Tune this channel until the video picture is sharp and the sound is clear.
If you have used a **SCART** or **AUDIO** and **VIDEO** cables you will not have to tune your TV, simply select the AV channel. The **AV** channel is already pre-tuned for optimum video playback on your TV.

4 Store this channel on your TV.
You will need to look at the TV instruction book if you do not know how to do this.

5 **Only carry out stages 5 ~ 8 if you cannot obtain clear video playback as described in stages 1 ~ 4.**
Select a TV channel number on which you wish to watch video's.
Make sure that your DVD+VCR is in standby pressing I/⏻ on the remote control (only the clock will be displayed).

6 Press **REW** ◄◄ or **FWD** ►► on the front of your DVD+VCR for more than 4 seconds.
RF36 will appear in the display window.
The following picture will be displayed on the TV screen.



7 Use **REW** ◄◄ or **FWD** ►► to select another video channel. You may select any channel number between 22 and 68.
You can also set it to "OFF" if there is any interference when your TV is connected to the VCR with a SCART lead.

8 Select a TV channel number on which you wish to watch video's.
Press **ON/STANDBY** I/⏻ on the front of your DVD+VCR when you have finished.
Tune this channel so that a bright blue screen appears.
Store this channel on your TV.

Notes

Make sure that you have correctly installed your DVD+VCR and successfully tuned in a dedicated video channel on your TV. If you do not tune in a dedicated video channel on your TV you will be unable to view and record video tapes!

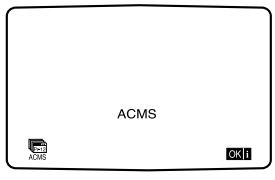
Initial preset

For the following steps we do assume that you have just connected your video recorder for the very first time. In this case the video recorder is on after mains connection. You should not touch any buttons yet. On the connected TV you will now see.

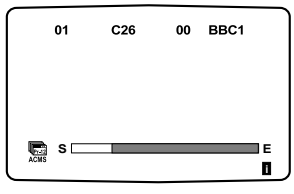
Note

If this menu does not appear, your video recorder was programmed already.

1 If you have a satellite receiver make sure that it is connected to your vcr, switched on and Sky News has been selected.



2 Press **ENTER/OK** to start the automatic storing of the channels of the TV stations in your area.

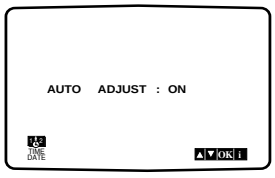


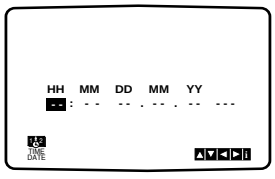
3 The **TV STATION TABLE** will appear when tuning is completed.
Press **VCR MENU** to save your settings.

Setting the clock Manually

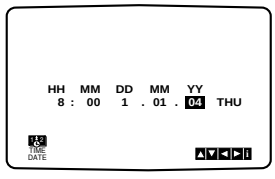
The clock in your DVD+VCR controls time and date settings for your DVD+VCR.
The clock is set automatically during **ACMS** (Automatic Channel Memory System) when your DVD+VCR detects a channel that broadcasts a Teletext signal. If the broadcast signal is weak the clock will not be set and will require setting manually.

1 Press **VCR MENU**.
Press ◀ or ▶ to select **TIME DATE**.
Press **ENTER/OK**.
The auto adjust mode can be set to "OFF" by pressing ▲ or ▼ if you want to set the time manually.
Press **ENTER/OK**.





2 Use the **numbered buttons** on the remote control to alter the **HOURS, MINUTES, DAY, MONTH** and **YEAR**.
Please note your DVD+VCR uses a 24 hour clock. e.g. 1pm will be displayed as 13:00.
The day of the week will appear automatically when you enter the year.



3 If you make a mistake press ◀ or ▶ and enter the correct details.

4 Press **VCR MENU** to return to a TV picture.

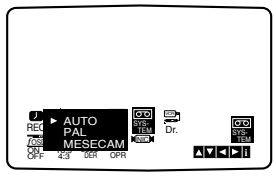
To set the colour system

1 Press **VCR MENU**.

2 The main menu will appear on the TV screen.

3 Press ◀ or ▶ to select the **SYSTEM** and press **ENTER/OK**.

4 Press ▲ or ▼ to select according to the **COLOUR** system used.



5 Press **VCR MENU** to remove the menus from the TV screen.

To set the RF OUT sound system

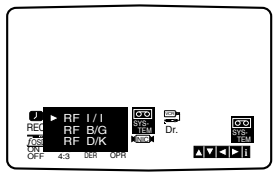
1 Press **VCR MENU**.

2 The main menu will appear on the TV screen.

3 Press ◀ or ▶ to select the **SYSTEM** and press **ENTER/OK**.

4 Press ▲ or ▼ to select according to the **COLOUR** system used.

5 Press ▶ to select the RF Out sound system compatible to your TV.



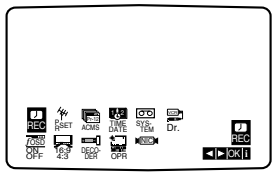
6 Press **VCR MENU** to remove the menus from the TV screen.

How to use the main menu

This DVD+VCR can easily be programmed by using the menus displayed on screen.
The menus are controlled from the Remote Control Handset.

1 Switch on your TV set and video recorder by pressing the I/⏻ button.

2 Press **VCR MENU** button.
The main menu will appear on the TV screen.



- **REC -** Timer recording setting (see p. 24).
- **PR SET -** Manual tuning setting (see p. 16).
- **ACMS -** ACMS (Automatic Channel Memory System) (see p. 15).
- **TIME DATE -** Date & clock setting (see p. 14).
- **SYSTEM -** To set the Colour TV System (see p. 14).
- **Dr. -** To check a problem with your VCR (see p. 34).
- **F.OSD ON/OFF -** To display the operational mode of your VCR (see p. 33).
- **16:9/4:3 -** To select the aspect ratio of your TV (see p. 34).
- **DECODER -** To use a pay-TV decoder (or Satellite) with your VCR (see p. 34).
- **OPR -** To improve the playback picture (see p. 22).
- **NIC -** To activate or deactivate the NICAM digital sound (see p. 33).

3 Press ◀ and ▶ to select the desired menu.
Press **ENTER/OK** and use ▲ or ▼ to select.

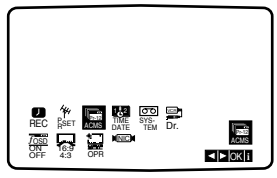
4 Press **VCR MENU** to return to a TV picture.

Tuning in TV Stations Automatically

If the TV broadcast signal is weak your DVD+VCR may not detect the necessary information and will not be able to store them correctly. To overcome this problem please turn to the MANUAL TUNING section on page 16.

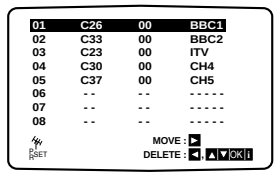
1 Press I/⏻ to turn on your DVD+VCR.

2 Press **VCR MENU** button.
The main menu will appear on the TV screen.
Press ◀ or ▶ to select the **ACMS**.
Press **ENTER/OK**.



3 Press **ENTER/OK** again to start the automatic tuning process.

4 The **TV STATION TABLE** will appear when tuning is completed.
Press **VCR MENU** to save your settings.



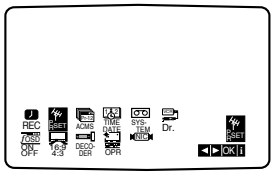
Notes

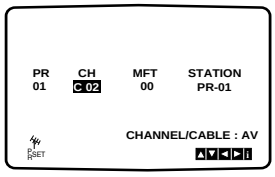
- The DVD+VCR's clock will be set automatically when automatic tuning has finished. If the clock is wrong please see "Setting the clock Manually" on page 14.
- Please note currently only a limited number of TV companies transmit the **Programme Delivery Control (PDC)** signal which enables your DVD+VCR to successfully identify and store them. If your DVD+VCR has difficulty in identifying a TV station please turn the page to find out how to manually tune in and name a TV station. While automatic tuning is taking place the time and date will set automatically. If - - :- - appears in the DVD+VCR display it means that the broadcast signal is weak and the clock was not set. Please turn to **CLOCK SET** section of this book on page 14.

Tuning in TV Stations Manually

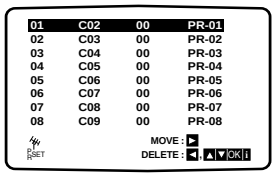
In certain areas of the country broadcast signals may be too weak for your VCR's automatic tuning process to find or assign TV stations correctly. You must tune in these weaker broadcast stations manually in order for your VCR to store them.

1 Press **VCR MENU**.
The main menu will appear on the TV screen.
Press ◄ or ► to select the **PR SET**.
Press **ENTER/OK**.



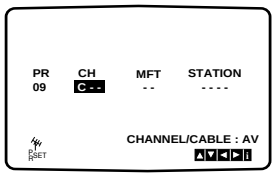


2 Press **VCR MENU**.
The station table will appear.
Press ▲ or ▼ to select the programme number that

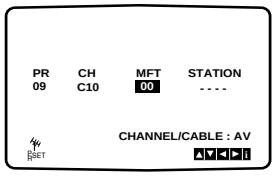


you want to tune (for example, PR 09).

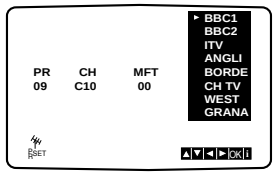
3 Press **ENTER/OK**.
Press **INPUT SELECT** to select **C** (Standard stations) or **S** (Cable stations):
C02 - C69, S01 - S41.



Enter the channel number of station that you want to tune with **the numbered buttons** or use ▲ or ▼ to find the required station.

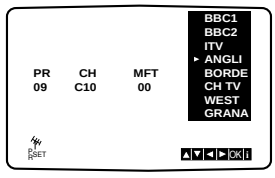


4 Searching will stop when it locates a stations.
Press ► to select **MFT.**
Control the fine tuning of the station by using ▲ or ▼.



5 Press ► to select **STATION** so that you may name your TV station.

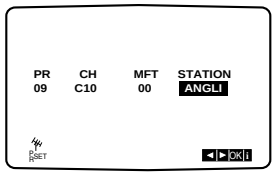
If your station name isn't on the list do not press ENTER/OK, but go to stage 7.



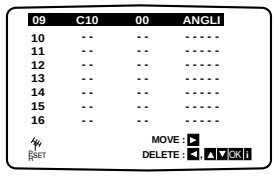
Press **ENTER/OK**.
The TV station name list will appear.

6 Use ▲ or ▼ to select a station name from the list.
Press **ENTER/OK** to select it.

7 You can change a TV station name manually rather than using the "standard" names.



Press ►.
Use ▲ or ▼ to select **letters** and **numbers** for the new station name.
Use ◄ or ► to move back and forth between



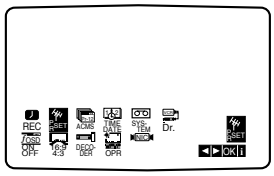
characters.
Press **ENTER/OK**.

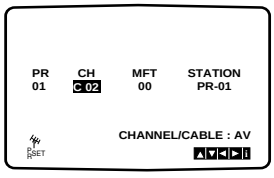
8 Press **VCR MENU**, confirm the station placement.
Press **VCR MENU** again.
Your new TV station has now been tuned into your VCR.
If you wish to manually tune other stations repeat stages **1 - 8**.

Changing the order of TV Stations

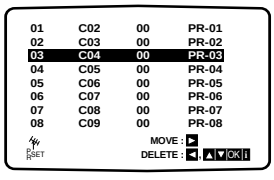
After tuning TV stations into your VCR you may wish to change the order in which they are stored without having to retune them again. The instructions given on this page will show you how you can simply move them into your desired order.

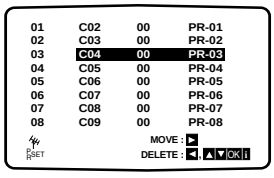
1 Press **VCR MENU**.
The main menu will appear on the TV screen.
Press ◄ or ► to select the **PR SET**.
Press **ENTER/OK**.



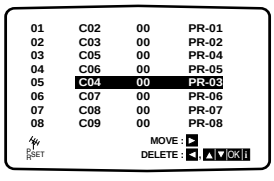


2 Press **VCR MENU**.
Press ▲ or ▼ to select the **programme number** you want to move (for example, PR-03).
Press ►.

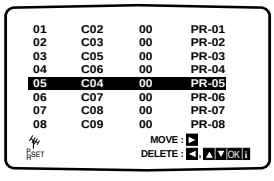




3 Press ▲ or ▼ to select the **programme number** you want to move to (for example, PR-05).



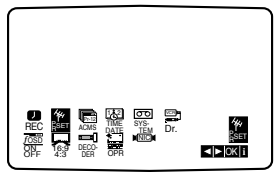
4 Press **ENTER/OK**.
The selected **programme** will be moved to **the new programme number**.
If you wish to move other TV stations repeat stages 1 - 4.
Press **VCR MENU** to remove the menus from the TV screen.

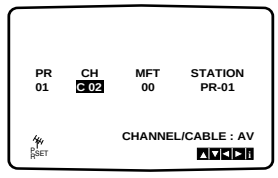


Deleting TV Stations

After tuning TV stations into your VCR you may wish to delete a station.
The instructions given on this page will show you how you can easily delete any unwanted TV stations.

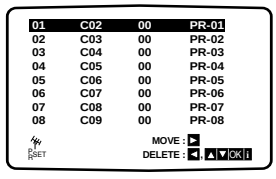
1 Press **VCR MENU**.
The main menu will appear on the TV screen.
Use ◄ or ► to select the **PR SET**.
Press **ENTER/OK**.



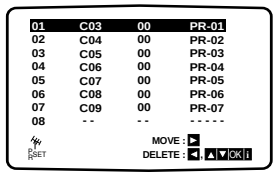


2 Press **VCR MENU**.

3 Press ▲ or ▼ to select the **programme number** you want to delete. (for example, PR-01)



4 Press ◄.
After a short while, the selected station will be deleted.
If you wish to delete other TV stations repeat



stages **3 - 4**.

5 Press **VCR MENU** to remove the menus from the TV screen.

How to select Stored TV stations:

Stored TV stations can be selected in either of two ways.
Use **PR/TRK +** or **-** to select different stations that are tuned into your DVD+VCR.
You may also directly select stations using the **numbered buttons** on the remote control.

⚠ **Caution:**
Before using the remote control, press the DVD button to select the device to be operated.

General Explanation

This manual gives the basic instructions for operating the DVD+VCR Player. Some DVDs require specific operation or allow only limited operation during playback. When this occurs, the symbol ⃠ appears on the TV screen, indicating that the operation is not permitted by the DVD+VCR Player or is not available on the disc.

On-Screen Display

The general playback status can be displayed on the TV screen. Some options can be changed on the menu.

On-screen display operation

1 **Press DISPLAY during playback.**

2 **Use ▲/▼ to select an item.**
The selected option will be highlighted.

3 **Use ◄/► to change the setting of an item.**
The number buttons can also be used for setting numbers (e.g., title number). For some functions, press **ENTER/OK** to execute the setting.

Temporary Feedback Field Icons

- TITLE — Repeat Title
- CHAPT — Repeat Chapter
- TRACK — Repeat Track (non-PBC Video CDs and Audio CD only)
- ALL — Repeat Disc (non-PBC Video CDs and Audio CD only)
- A B — Repeat A-B
- OFF — Repeat Off
- ▮▮■ — Resume play from this point
- ⃠ — Action prohibited or not available

Notes
- Some discs may not provide all of the features on the on-screen display example shown below.
- If no button is pressed for 10 seconds, the on-screen display disappears.

DVD

Options		Function (Use ▲/▼ to select desired option)	Selection Method
Title Number	1/3	**Shows the current title number and total number of titles, and** skips to the desired title number.	◄/►, or Numeric, ENTER/OK
Chapter Number	1/12	**Shows the current chapter number and total number of chapters, and** skips to the desired chapter number.	◄/►, or Numeric, ENTER/OK
Time search	-:--:--	**Shows the elapsed playing time, and** searches the point by the elapsed time directly.	Numeric, ENTER/OK
Audio language and Digital Audio Output mode	1 ENG DD 5.1 CH	**Shows the current audio soundtrack language, encoding method, and channel number, and** changes the setting.	◄/►, or AUDIO
Subtitle language	OFF	**Shows the current subtitles language, and** changes the setting.	◄/►, or SUBTITLE
Angle	1/1	**Shows the current angle number and total number of angles, and** changes the angle number.	◄/►, or ANGLE
Sound	NORM.	**Shows the current sound mode, and** changes the setting.	◄/►

VCD2.0 VCD1.1

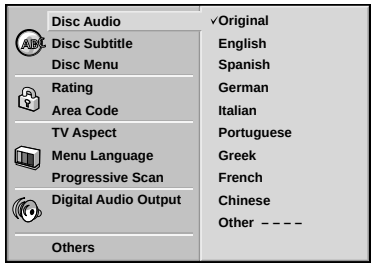
Items		Function (Use ▲/▼ to select desired item)	Selection Method
Track Number	1/4	**Shows the current track number, total number of tracks and PBC On mode, and** skips to the desired track number.	◄ / ►, or Numbers, ENTER/OK
Time	0:16:57	**Shows the elapsed playing time (Display only)**	–
Audio Channel	STER.	**Shows the audio channel, and** changes the audio channel.	◄ / ►, or AUDIO
Sound	NORM.	**Shows the current sound mode, and** any changes to the setting.	◄ / ►

Initial Settings

You can set your own Personal Preferences on the player.

General Operation

1 Press SETUP.
The setup menu appears.



2 Use ▲/▼ to select the desired item.
The screen will show the current setting for the selected option, as well as alternate setting(s).

3 While the desired option is selected, press ►, then ▲/▼ to select the desired setting.

4 Press ENTER/OK to confirm your selection.
Some items require additional steps.

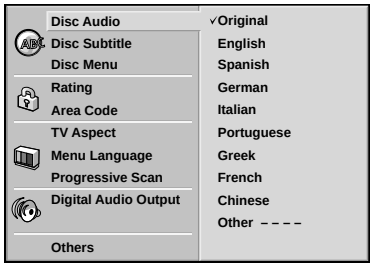
5 Press SETUP, RETURN, or PLAY ► to exit the setup menu.

Language

Disc Language DVD

Select a language for the disc's Menu, Audio, and Subtitle.

Original : The original language set for the disc is selected.
Other : To select another language, press number buttons to enter the corresponding 4-digit number according to the language code list on page 38. If you enter the wrong language code, press CLEAR.



Note
Disc Language selection may not work for some DVDs.

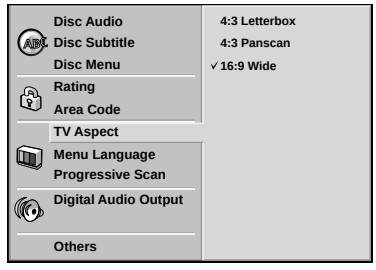
Menu Language

Select a language for the setup menu. This is the menu you see when you press **SETUP**.

Picture

TV Aspect DVD

4:3 Letterbox: Select when a standard 4:3 TV is connected. Displays theatrical images with masking bars above and below the picture.
4:3 Panscan: Select when a conventional TV set is connected. The video material formatted in the Pan & Scan style is played back in that style (Both sides of the picture are cut off.)
16:9 Wide: Select when a 16:9 wide TV is connected.



Progressive Scan DVD

Progressive Scan Video provides the highest quality pictures with less flickering.
If you are using the COMPONENT/PROGRESSIVE SCAN VIDEO OUT jacks, but are connecting the DVD+VCR to a standard (analog) television, set Progressive Scan to Off.
If you are using the Component Video jacks for connection to a TV or monitor that is compatible with a progressive scan signal, set Progressive Scan to On.

This unit can only output 625p progressive scan picture.

Note
Progressive Scan will not be displayed in the setup menu when the rear switch is set at RGB position.

Caution
Once the setting for progressive scan output is entered, an image will only be visible on a progressive scan compatible TV or monitor. If you set Progressive Scan to On in error, you must reset the unit.
1) Remove any disc from the unit and close the disc tray. See that "dISC" is displayed on the display window.
2) Press STOP (■) and hold it for five seconds before releasing it. The video output will be restored to the standard setting and a picture will once again be visible on a conventional analog TV or monitor.

Sound

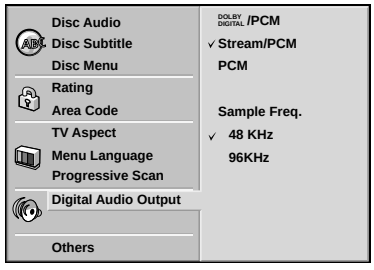
Digital Audio Output

Each DVD disc has a variety of audio output options. Set the player's Digital Audio Output according to the type of audio system you use.

DOLBY DIGITAL/PCM: Select "DOLBY DIGITAL/PCM" if you connected the DVD+VCR's DIGITAL AUDIO OUT jack to a Dolby Digital decoder (or an amplifier or other equipment with a Dolby Digital decoder).

Stream/PCM: Select "Stream/PCM" if you connected the DVD+VCR's DIGITAL AUDIO OUT jack to an amplifier or other equipment with a DTS decoder, Dolby Digital decoder or MPEG decoder.

PCM: Select when connected to a 2-channel digital stereo amplifier. The DVD+VCR outputs sounds in the PCM 2ch format when you play a DVD video disc recorded on the Dolby Digital, MPEG1, or MPEG2 recording system.



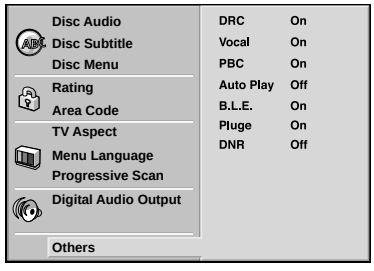
Sample Frequency

To change the Sample Frequency setting, first select the desired Digital Audio Output as indicated as above. If your receiver or amplifier is NOT capable of handling 96KHz signals, select 48KHz. When this choice is made, this unit will automatically convert any 96KHz signals to 48KHz so your system can decode them. If your receiver or amplifier is capable of handling 96KHz signals, select 96KHz. When this choice is made, this unit will pass each type of signal through without any further processing.

Others

The DRC, Vocal, PBC, Auto Play, B.L.E., Pluge and DNR settings can be changed.

- Press ▲/▼ to select the desired item and press ENTER/OK. The setting of the selected item is changed between On and Off.



Dynamic Range Control (DRC) DVD

With the DVD format, you can hear a program's soundtrack in the most accurate and realistic presentation possible, thanks to digital audio technology. However, you may wish to compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones). Then, you may listen to a movie at a lower volume without losing clarity of sound. Set DRC to On for this effect.

Vocal DVD

Set Vocal to On only when a multi-channel karaoke DVD is playing. The karaoke channels on the disc will mix into normal stereo sound.

PBC VCD2.0 VCD1.1

Set Playback Control (PBC) to On or Off.
On: Video CDs with PBC are played according to the PBC.
Off: Video CDs with PBC are played the same way as Audio CDs.

Auto Play DVD

You can set up the DVD Player so a DVD disc automatically starts playing whenever the DVD is inserted.
If Auto Play mode is set to On, this DVD player will search a title where playback time is longest and then play back the title automatically.
On: Auto Play function is activated.
Off: Auto Play function is not activated.

Note
The Auto Play function may not work for some DVDs.

B.L.E. (Black Level Expansion) DVD VCD2.0 VCD1.1

To select the black level of playback pictures. Set your preference and monitor's ability.
On: Expanded grey scale. (0 IRE cut off)
Off: Standard grey scale. (7.5 IRE cut off)

Pluge (Blacker than Black) DVD

For proper adjustment of your television brightness settings utilizing a commercially available test disc.
On: Select when you adjust the level of your TV using a commercially available test disc that contains pluge signals.
Off: For normal use.

DNR (Digital Noise Reduction) DVD VCD2.0 VCD1.1

You can reduce ambient noise in the picture.
DNR1: Normal level
DNR2: Expanded level.
Off: Off.

Notes

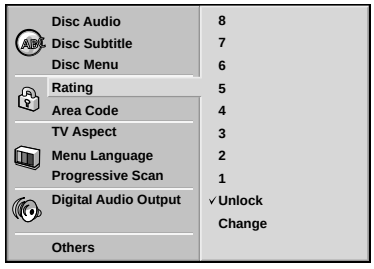
- Actual picture enhancement may vary depending on the quality of the disc.
- While the DNR2 (expanded level) can provide additional improvement in the reduction of noise in the video signal, it may produce undesirable picture artifacts on some discs. Should this occur, select a more appropriate DNR level (normal or off).
- Depending on the disc, some picture detail may be lost by the picture enhancement.
- A DVD audio disc with Dolby Digital or DTS soundtrack may be played, some DVD audio discs include moving pictures which may be modified by the above processes.

Parental Control

Rating DVD

Movies on DVDs may contain scenes not suitable for children. Therefore, discs may contain Parental Control information that applies to the complete disc or to certain scenes on the disc. These scenes are rated from 1 to 8, and alternatively, more suitable scenes are available for selection on some discs. Ratings are country dependent. The Parental Control feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.

1 Select "Rating" on the Setup menu using the ▲/▼ buttons.



2 While "Rating" is selected, press ►.

3 When you have not entered a password yet;
Enter a 4-digit password using the numbered buttons to create a personal 4-digit security password, then press ENTER/OK. Enter the 4-digit password again and press ENTER/OK to verify.
When you have already entered a password;
Enter a 4-digit password using the numbered buttons to confirm the personal 4-digit security password, then press ENTER/OK.

If you make a mistake before pressing ENTER/OK, press CLEAR and enter 4-digit security password again.

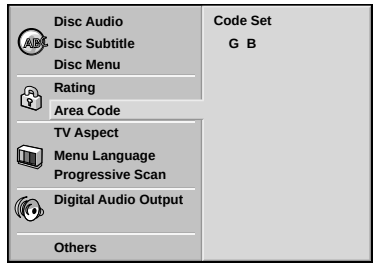
4 Select a rating from 1 to 8 using ▲/▼ buttons.
Level 1 : DVD software for adults cannot be played back.
Level 8 : All DVD software can be played back.
The limitation will be more severe as the level number is lower.
Unlock: If you select Unlock, Parental Control is not active. The disc will play in full.
Ratings 1 to 8: Some discs contain scenes not suitable for children. If you set a rating for the player, all disc scenes with the same rating or lower will be played. Higher rated scenes will not be played unless an alternative scene is available on the disc. The alternative must have the same rating or a lower one. If no suitable alternative is found, playback will stop. You must enter the 4-digit password or change the rating level in order to play the disc.

5 Press ENTER/OK to confirm your rating selection, then press SETUP to exit the menu.

Area Code DVD

Enter the code of a country/area whose standards were used to rate the DVD video disc, referring to the list (See "Country/Area Code List", page 39).

1 Select Area Code using the ▲/▼ buttons on the setup menu.



2 While Area Code is selected, press ►.

3 Follow step 3 of "Rating" on left.

4 Select the first character using the ▲/▼ buttons.

5 Shift the cursor using ► button and select the second character using ▲/▼ buttons.

6 Press ENTER/OK to confirm your Area code selection, then press SETUP to exit the menu.

Note
Confirmation of the 4-digit password is necessary when the password is changed (see "Changing the 4-digit Code" below).

Changing the 4-digit Code

1 Follow Steps 1-2 as shown above to the left (Rating).
2 Enter the old password, then press ENTER/OK.
3 Select Change using ▲/▼ buttons then press ENTER/OK.
4 Enter the new 4-digit password, then press ENTER/OK.
5 Enter exactly the same password a second time and verify by pressing ENTER/OK.
6 Press SETUP to exit the menu.

If you forget your 4-digit Code

If you forget your password, clear the current password by following the procedure below.

1 Press SETUP to display the setup menu.
2 Use the Number buttons to enter the 6-digit number "210499".
The 4-digit password is cleared.
3 Enter a new password as shown above to the left (Rating).

Playing a tape

You will only be able to load and eject video cassettes when your DVD+VCR is plugged into the mains. Your VCR may also playback recordings from NTSC tapes (on PAL TV).

Getting a better picture

When a cassette is inserted and playback started, the automatic tracking function works to get the best possible picture automatically. If the quality of the recording is poor, repeatedly press ▲ or ▼ on the remote control to manually adjust the tracking until any distortions have been removed.

1 Make sure that you have correctly connected your DVD+VCR as described earlier in this book.
Turn on your TV.
Press I/⏻ to turn on your DVD+VCR.
Insert the video cassette into your DVD+VCR.
The video cassette should have the window side facing up and the arrow facing away from you.

2 Press **PLAY** ► to start playing your tape.
If you load a video cassette which has had its record protection tab removed, playback of the cassette will start automatically.

AUTO TRACKING
Your DVD+VCR will automatically adjust the tracking to give the best picture quality.
If noise bars appear during playback, adjust the tracking manually by pressing **PR/TRK+/-**.
To resume automatic tracking, press **AUTO TRK**.

3 Press **PAUSE/STILL II**/II▶ to still a picture.
Press **PAUSE/STILL II**/II▶ repeatedly to advance the tape frame by frame.
If you press **FWD** ►► or **SLOW I▶**, the picture will be slowed down at about 1/19 times the normal playback.
Tapes can be paused for up to 5 minutes. After 5 minutes your DVD+VCR will stop the tape to prevent damaging the tape or your DVD+VCR .
Still picture quality can be improved slightly by using ▲ or ▼.

4 Press **PLAY** ► to continue playing your tape.

Picture search:
During playing back press either **REW** ◄◄ or **FWD** ►► to this will enable you to rapidly wind the tape (7 times normal playback) see where you are on the tape.

Logic search:
During fast forwarding or rewinding press and hold **REW** ◄◄ or **FWD** ►► the picture will be played back at 7 times normal playback speed.

5 **Slow motion playback, Shuttle :**
During playing back or still picture press ◄ or ►.
You can reach the following playback speeds.
(-7xplay, -3xplay, -play, still, 1/19 slow, play, 2xplay, 7xplay)
To switch off the slow motion and shuttle, press the desired function.
During slow motion and shuttle, the noise bars may appear on the picture according to the status of tape.
If distortions can be seen in the picture, reduce them with ▲ or ▼.

6 Press **STOP** ■ to end playback.
Press **EJECT** ⏏.
If the end of the tape is reached, your DVD+VCR will stop playback automatically, rewind, stop, eject the tape.

CM (Commercial Message) Skip:

This feature enables you during playback of a tape to skip a commercial break in a few seconds, then resume normal playback.
While tape is playing press **INSTANT SKIP** on the remote control to skip commercial (or another programme material).
Repeatedly press **INSTANT SKIP** to skip:
1 Press 30 seconds
2 Press 60 seconds
3 Press 90 seconds
4 Press 120 seconds
5 Press 150 seconds
6 Press 180 seconds

OPR (Optimum Picture Response)

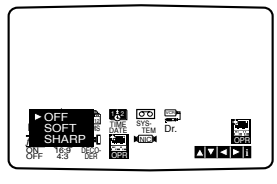
This feature automatically improves playback picture quality by adjusting your DVD+VCR to the condition of the tape.

1 Press **VCR MENU.**

2 Press ◄ or ► to select **OPR**.

3 Press **ENTER/OK**.

4 Press ▲ or ▼ repeatedly to select: **OFF**, **SOFT** or **SHARP**.
Please note that you can only set OPR when playing a tape.



5 Press **VCR MENU** return to screen.

One-touch Timer Recording (OTR)

Your VCR allows you to make recordings using a variety of simple methods:

One-touch Timer Recording (OTR) start recording immediately for a set period of time or until the video cassette runs out.

Your DVD+VCR incorporates Long Play (LP) which enables you to record up to twice the amount of time on a video cassette. For example an E-180 will record up to 180 minutes using Standard Play (SP); using LP you will be able to record up to 360 minutes. Please note there will be a slight loss in picture and sound quality when using LP.

1 Make sure that you have correctly connected your VCR as described earlier in this book.
Press I/⏻ to turn on your VCR.

2 Insert a video cassette with protection tab into your VCR.
The video cassette should have the window side facing up and the arrow facing away from you.

3 Press **PR/TRK +** or **-** to select the **programme number** you wish to record.
You may also directly select programme number using the **numbered buttons** on the remote control.

4 If you wish to record directly from the SCART or RCA sockets repeatedly press **INPUT SELECT** until the socket you wish to record from is displayed.

AV 1 for recording from EURO AV1 SCART socket on the rear of your unit.
AV 2 for recording from EURO AV2 SCART socket on the rear of your unit.
AV 3 for recording from VIDEO IN and AUDIO IN (Left & Right) sockets on the front of your unit.

5 Press **SP/LP** if you wish to record in Long Play or Standard Play.

SP will produce improved picture and sound quality, however LP will provide twice as much recording time as SP.

6 Press **REC/OTR** on the remote to start recording.
RECORD will appear on the TV screen.

Press **REC** on your unit or press **REC/OTR** on the remote several times. Each successive press will increase the record time by 30 minutes until you reach a maximum of 9 hours.

7 Press **PAUSE/STILL II/II▶** to avoid recording unwanted scenes.
Press **PAUSE/STILL II/II▶** to continue recording.

Tapes can be paused for up to 5 minutes; RECP will be displayed when a tape is paused. After 5 minutes your DVD+VCR will stop recording to prevent damaging the tape or your DVD+VCR.

8 Press **STOP ■** to end recording.
Press **EJECT ⏏**.
EJECT will appear on the TV screen for a few seconds.

Notes

- If you do not wish to record on a tape (this can happen quite easily by accident!) remove the protection tab on the back edge of the video cassette.
- It is possible to record on a video cassette with the record protection tab removed by covering the hole with self adhesive tape.
- Remember you can record one programme while watching another by starting your instant recording, press **TV/VCR** to select TV mode and then selecting a different channel on your TV.

Timer recording using

On Screen Display

You may set up to seven timer record events within one month of the current date.

Note

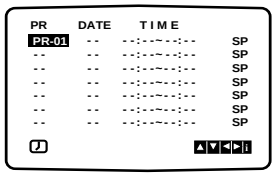
Before setting the timer make sure that you have set the DVD+VCR clock correctly and you know which stations you have tuned TV stations on your DVD+VCR.

1 Insert a video cassette with protection tab into your DVD+VCR.
The video cassette should have the window side facing up and the arrow facing away from you.

2 Press **VCR MENU**.
Press ◄ or ► to select **REC**.
Press **ENTER/OK**.

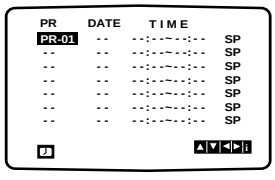
3 Press **ENTER/OK** to start setting the timer record event.
If all timer record events are full press ▲ or ▼ to select the event that you wish to remove and replace.

Press ◄ to delete the event.



4 Press the **numbered buttons** to enter the station that you wish to record.
When selecting stations 1 - 9, press 0 first, then the channel number; for example Stations 3 - 03. You may also select Channels by pressing ▲ or ▼.
Once selected press ►.

If you wish to record from AUDIO IN (L/R) and VIDEO IN on the front or from the EURO SCART sockets on the back of your unit, press INPUT SELECT to select for correct display (AV1, AV2 or AV3).

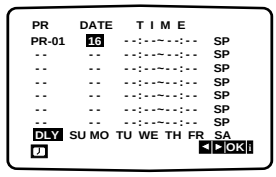


5 Press the **numbered buttons** to enter the date of the programme.

If you press **ENTER/OK** before entering the date you may select one of the following automated recording features. Press ◄ or ► to select, then press **ENTER/OK** to confirm.

DLY To record every day (except Saturday and Sunday) at the same time.

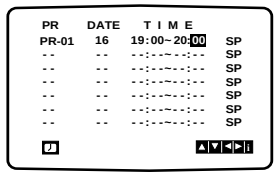
SU~SA To record at the same time every week.



6 Press the **numbered buttons** to enter the recording start and end times of the programme that you wish to record.

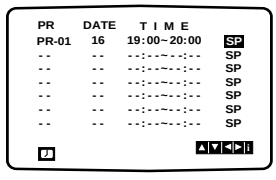
Please note your DVD+VCR uses a 24 hour clock. e.g. 1pm will be displayed as 13:00.

You may also select the start and end times by using ▲ or ▼.



7 Press ► and press ▲ or ▼ to switch VPS/PDC on or off.
Press ► to select the recording speed.

Press ▲ or ▼ to select the desired tape speed (SP, IP, or LP).
IP mode determines how much tape is left and switches speed from SP to LP, if necessary, to complete recording the program. IP mode is not selected when VPS/PDC is ON.



Timer recording using On Screen Display (Continued)

8 Press **VCR MENU** to set another timer record event and follow steps 3 to 7.
Check that the timer event details are correct.
Press **VCR MENU** twice.

If **PLEASE CHECK** is displayed, you have entered incorrectly and will need to re-enter the data.

Press I/⏻ to switch your DVD+VCR to Timer Standby mode.

The timer symbol (⏲) will appear in the display window while your DVD+VCR waits to make the recording.

9 Press STOP (■) to end timer recording.

Notes

- During timer recording standby mode, the DVD and VCR mode cannot be operated. To use the DVD+VCR, press I/⏻. After you use the DVD or VCR, press I/⏻ again to put the VCR into timer recording standby mode.
- If at a later date you wish to **delete** or **change** any of the settings in timer event memory you may do so without having to enter all the timer event information again. Simply display the timer event screen. Use ▲ or ▼ to select the event that you wish to **delete** or **change**.

  Press ◄ to delete the event...or
  Press **ENTER/OK** to change; then press ◄ or ► to select; Station, Date, Start and End times and LP.
  Press ▲ or ▼ to enter the correct information.
- **If Timer record events Overlap...**
  Make sure that the preset times of the timer recording events do not overlap. If they do, the earlier programme will always be given priority.

  Example:
  Programme 1 is programmed to start at 16:00 and end at 17:00.
  Programme 2 is programmed to start at 16:30 and end at 17:30.
  (In this case, Programme 1 will be recorded in its entirety, but only the last 30 minutes of Programme 2 will be recorded.)
- To watch a DVD while performing a timer recording, press **TV/VCR** to select VCR mode.
- **Programme Delivery Control (PDC)**
  The Programme Delivery Control (**PDC**) system adjusts the start and end times of a timer record event. This can be particularly useful with sports events which may run over into extra time. The PDC signal is transmitted by the broadcaster and this controls your video recorder's timer. Currently only a limited number of TV companies transmit PDCsignals. Please make sure that when recording from channels that do not broadcast PDC that you turn PDC OFF.

Playing a DVD and Video CD

Playback Setup DVD VCD2.0 VCD1.1

- Turn on the TV and select the video input source connected to the DVD player.
- Audio system: Turn on the audio system and select the input source connected to the DVD player.

1 **Press OPEN/CLOSE ⏏ to open the disc tray.**

2 **Load your chosen disc in the tray, with the playback side down.**

3 **Press OPEN/CLOSE ⏏ to close the tray.**
READING appears on the TV screen, and playback starts automatically. If playback does not start, press **PLAY ►**.
In some cases, the disc menu might appear instead.

4 **To stop the playback, press STOP ■.**
Then press **OPEN/CLOSE ⏏** .
The disc tray opens.
Remove the disc and press **OPEN/CLOSE ⏏** then press **I/⏻**.
The disc tray closes automatically and unit turns off.

If a menu screen is displayed

The menu screen may be displayed first after loading a DVD or Video CD which offer a menu.

DVD

Use the ◄ ► ▲ ▼ buttons to select the title/chapter you want to view, then press **ENTER/OK** to start playback.
Press **TOP MENU** or **MENU** to return to the menu screen.

VCD2.0

- Use the number buttons to select the track you want to view.
  Press **RETURN** to return to the menu screen.
- Menu setting and the exact operating procedures for using the menu may differ depending on the disc. Follow the instructions on each menu screen.
  You also may set PBC to Off under setup. See page 20.

Notes

- If Parental Control is set and the disc is not within the Rating settings (not authorized), the 4-digit code must be entered and/or the disc must be authorized (see “Parental Control”, on page 21).
- DVDs may have a region code.
  Your player will not play discs that have a region code different from your player. The region code for this player is 2 (two).

General Features

Note

Unless stated otherwise, all operations described use the remote control. Some features may also be available on the Setup menu.

Moving to another TITLE DVD

When a disc has more than one title, you can move to another title as follows:

- Press **DISPLAY**, then press the appropriate numbered button (0-9) to select a title number.

Moving to another CHAPTER/TRACK

DVD **VCD1.1**

When a title on a disc has more than one chapter or a disc has more than one track, you can move to another chapter/track as follows:

- Press **SKIP ►►I** or **I◄◄** briefly during playback to select the next chapter/track or to return to the beginning of the current chapter/track.
- Press **SKIP I◄◄** twice briefly to step back to the previous chapter/track.
- To go directly to any chapter during DVD playback, press **DISPLAY**. Then, press **▲/▼** to select chapter/track icon. Then, enter the chapter/track number using the numbered buttons (0-9).

Note

For two-digit numbers, press the numbered buttons (0-9) in rapid succession.

Search DVD VCD2.0 VCD1.1

1 Press **REW ◄◄** or **FWD ►►** during playback.
The player will now go into SEARCH mode.
2 Press **REW ◄◄** or **FWD ►►** repeatedly to select the required speed:
◄◄X2, ◄◄X4, ◄◄X16, ◄◄X100 (backward) or ►►X2, ►►X4, ►►X16, ►►X100 (forward).
With a Video CD, the Search speed changes:
◄◄X2, ◄◄X4, ◄◄X8 (backward) or ►►X2, ►►X4, ►►X8 (forward).
3 To return to playback, press **PLAY ►**.

Still Picture and Frame-by-Frame Playback

DVD **VCD2.0** **VCD1.1**

1 Press **PAUSE/STEP II/II►** during playback.
The player will now go into PAUSE mode.
2 You can advance the picture frame-by-frame by pressing **PAUSE/STEP II/II►** repeatedly on the remote control.
3 To return to playback, press **PLAY ►**.

General Features (continued)

Slow Motion DVD VCD2.0 VCD1.1

1 Press **SLOW I►** during playback or still mode.
The player will enter SLOW mode.
2 Press **SLOW I►** repeatedly to select the required speed : I► 1/16, I► 1/8, I► 1/4 or I► 1/2 (forward).
3 To exit slow motion mode, press PLAY ►.

Random Karaoke DVD VCD2.0 VCD1.1

1 Press **RANDOM** during playback or in stop mode. The unit automatically begins Random Playback and "RANDOM" appears on the TV screen.
2 To return to normal playback, press **RANDOM** again until "NORMAL" appears on the TV screen.

Tip
By pressing SKIP I◄◄ or ►►I during Random playback, the unit selects another title (track) and resumes Random playback.

Notes
- This function only works with DVD karaoke discs and video CD without PBC.
- On a Video CD with PBC, you must set PBC to Off on the setup menu to use the Random function. See page 20.

Repeat DVD VCD2.0 VCD1.1

DVD Video Discs - Repeat Chapter/Title/Off

1 To repeat the currently playing chapter, press **REPEAT**.
The Repeat Chapter icon appears on the TV screen.
2 To repeat the title currently playing, press **REPEAT** a second time.
The Repeat Title icon appears on the TV screen.
3 To exit Repeat mode, press **REPEAT** a third time.
The Repeat Off icon appears on the TV screen.

Video CDs - Repeat Track/All/Off

1 To repeat the track currently playing, press **REPEAT**.
The Repeat Track icon appears on the TV screen.
2 To repeat the disc currently playing, press **REPEAT** a second time.
The Repeat All icon appears on the TV screen.
3 To exit Repeat mode, press **REPEAT** a third time.
The Repeat Off icon appears on the TV screen.

Note
On a Video CD with PBC, you must set PBC to Off on the setup menu to use the Repeat function. See page 20.

Repeat A-B DVD VCD2.0 VCD1.1

To repeat a sequence in a title:

1 Press **A-B RPT** at your chosen starting point.
"A ⋆" briefly on the TV screen.
2 Press **A-B RPT** again at your chosen end point.
"A B" appears briefly on the TV screen, and the repeat sequence begins.
3 To cancel the sequence, press **A-B RPT**.

Time Search DVD

The Time Search function allows you to start playing at any chosen time on the disc.

1 Press **DISPLAY** during playback. The on-screen display appears on the screen.
The Time Search box shows the elapsed playing time of the current disc.
2 Within 10 seconds, press ▲/▼ to select the Time Search icon in the on-screen display.
The "-:--:--" appears in the Time Search box.
3 Within 10 seconds, use the number buttons to enter the required start time. Enter hours, minutes, and seconds from left to right in the box.
If you enter the wrong numbers, press CLEAR to remove the numbers you entered. Then enter the correct numbers.
4 Within 10 seconds, press **ENTER/OK** to confirm the start time.
Playback starts from the selected time on the disc. If you enter an invalid time, playback will continue from the current point.

3D Surround DVD VCD2.0 VCD1.1

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1 Press **DISPLAY** during playback.
2 Use ▲/▼ to select the sound icon.
The sound option will be highlighted.
3 Use ◄/► to select "NORM.", "3D SUR" or "DIALOGUE".

Note
"DIALOGUE" is only applicable to DVD discs.

Screen Saver

A screen saver image appears when you leave the DVD Player in stop mode for about five minutes.

General Features (continued)

Zoom DVD VCD2.0 VCD1.1

The Zoom function allows you to enlarge the video image and to move through the enlarged image.

1 Press **ZOOM** during playback or still playback to activate the Zoom function.
If you press **ZOOM** repeatedly, the magnification level increase up to six steps

2 Use the ◄ ► ▲ ▼ buttons to move through the zoomed picture.

3 Press **CLEAR** to resume normal playback or return to the paused image.

Note
The zoom function may not work for some DVDs.

Marker Search DVD VCD2.0 VCD1.1

You can start playback from a memorized point. Up to nine points can be memorized.
To enter a mark, follow these steps.

1 During disc playback, press **MARKER** when playback reaches the spot that you want to memorize.
The Marker icon will appear on the TV screen briefly.

2 Repeat step 1 to enter up to nine Marker points on a disc.

To Recall a Marked Scene

1 During disc playback, press **SEARCH**.
The MARKER SEARCH menu will appear on the screen.

2 Within 10 seconds, press ◄/► to select a Marker number that you want to recall.

3 Press **ENTER/OK**.
Playback will start from the Marked scene.

4 To remove the MARKER SEARCH menu, press **SEARCH**.

To clear a Marked Scene

1 During disc playback, press **SEARCH**.
The Marker Search menu will appear on the screen.

2 Within 10 seconds, press ◄/► to select a Marker number that you want to erase.

3 Press **CLEAR**.
The Marker number will be erased from the list.

4 Repeat steps 2 and 3 to erase additional Marker numbers.

5 To remove the MARKER SEARCH menu, press **SEARCH**.

One Touch Replay DVD VCD2.0 VCD1.1

Press **INSTANT REPLAY** during playback and the disc will reverse picture search through 10 seconds of playback. And then the playback will start from the point again.

Special DVD Features DVD

Checking the contents of DVD Video discs: Menus

DVDs may offer menus that allow you to access special features. To use the disc menu, press **MENU**.
Then, press the appropriate number button to select an option. Or, use the ◄/►/▲/▼ buttons to highlight your selection, then press **ENTER/OK**.

Title Menu DVD

1 Press **TOP MENU**.
If the current title has a menu, the menu will appear on the screen. Otherwise, the disc menu may appear.

2 The menu can list camera angles, spoken language and subtitle options, and chapters for the title.

3 To remove the title menu, press **TOP MENU** again.

Disc Menu DVD

1 Press **MENU**.
The disc menu is displayed.

2 To remove the disc menu, press **MENU** again.

Camera Angle DVD

If the disc contains sequences recorded from different camera angles, the angle icon blinks on the TV screen. You can then change the camera angle if you wish.

- Press **ANGLE** repeatedly during playback to select a desired angle.
The number of the current angle appears on the display.

Changing the Audio Language DVD

Press **AUDIO** repeatedly during playback to hear a different audio language or audio track.

Changing the Audio Channel

VCD2.0 VCD1.1

Press **AUDIO** repeatedly during playback to hear a different audio channel (STER., LEFT or RIGHT).

Subtitles DVD

Press **SUBTITLE** repeatedly during playback to see the different subtitle languages.

Note
If ⃠ appears, the feature is not available on the disc.

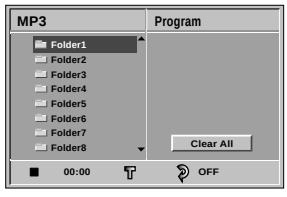
Playing an Audio CD and MP3 Disc

CD **MP3**

The DVD+VCR can play MP3 formatted recordings on CD-ROM, SVCD, CD-R or CD-RW discs.
Before playing MP3 recordings, read the notes on MP3 Recordings on right.

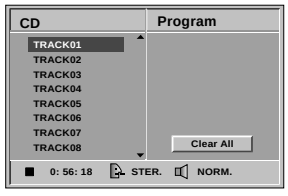
1 **Insert a disc and close the tray.**
Audio CD; Audio CD menu appears on the TV screen go to step 4.
MP3 disc; The MP3/JPEG choice menu appears on the TV screen go to step 2.

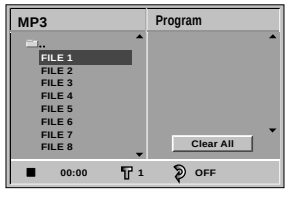
2 **Use ▲/▼ to select the MP3 then press ENTER/OK.**
The MP3 menu appears on the TV screen.
Press RETURN to move to the MP3/JPEG choice menu.



3 **Use ▲/▼ to select a folder then press ENTER/OK.**
A list of files in the folder appears.

4 **Use ▲/▼ to select a track then press PLAY ► or ENTER/OK.**
Playback starts.
During playback, the current track's elapsed playing time will appear on the display window and menu.
Playback will stop at the end of the disc.
Press TOP MENU to move to the next page.
Press MENU to move to the previous page.





Audio CD Menu **MP3 Menu**

Tip
If you are in a file list and want to return to the Folder list, use the ▲/▼ to highlight ·· and press ENTER/OK to return to the previous menu screen.

5 **To stop playback at any other time, press STOP ■.**

Notes on MP3 Recordings

About MP3

- An MP3 file is audio data compressed by using the MPEG1 audio layer-3 file-coding scheme. We call files that have the ".mp3" file extension "MP3 files".
- The player cannot read an MP3 file that has a file extension other than ".mp3".

MP3 Disc compatibility with this player is limited as follows:

1. Sampling Frequency / only at 44.1kHz .
2. Bit rate / within 32 - 320kbps .
3. CD-R physical format should be "ISO 9660"
4. If you record MP3 files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3 files. We recommend that you use "Easy-CD Creator", which creates an ISO9660 file system.
5. A single session disc requires MP3 files in the first track. If there is no MP3 file in the 1st track, it cannot playback MP3 files. If you wish to playback MP3 files, format all the data in the disc or use a new one.
6. File names should be named using 8 letters or less and must incorporate ".mp3" extension
   e.g. "********.MP3".
7. Do not use special letters such as "/ : * ? " < > " etc.
8. Total number of files on the disc should be less than 650.

This DVD+VCR requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3 files). That require certain pre-existing conditions (see above) to insure compatible playback.

Customers should also note that permission is required in order to download MP3 files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

Pause CD MP3

1 Press **PAUSE/STEP II**/II▶ during playback.

2 To return to playback, press **PLAY** ► or press **PAUSE/STEP II**/II▶ again.

Moving to another Track CD MP3

- Press **SKIP** ▶▶I or I◀◀ briefly during playback to go to the next track or to return to the beginning of the current track.
- Press **SKIP** I◀◀ twice briefly to step back to the previous track.
- In case of audio CD, to go directly to any track, enter the track number using the numbered buttons (0-9) during playback.

Repeat Track/All/Off CD MP3

1 To repeat the track currently playing, press **REPEAT**.
The Repeat icon and "TRACK" appears on the menu screen.

2 To repeat all tracks on a disc, press **REPEAT** a second time.
The Repeat icon and "ALL" appears on the menu screen.

3 To cancel Repeat mode, press **REPEAT** a third time.
The Repeat icon and "OFF" appears on the menu screen.

Search CD MP3

1 Press **REW** ◀◀ or **FWD** ▶▶ during playback.
The player will now go into **SEARCH** mode.

2 Press **REW** ◀◀ or **FWD** ▶▶ repeatedly to select the required speed: ◀◀X2, ◀◀X4, ◀◀X8 (backward) or ▶▶X2, ▶▶X4, ▶▶X8 (forward).
Search speed and direction are indicated on the menu screen.

3 To exit SEARCH mode, press **PLAY** ►.

Random CD MP3

1 Press **RANDOM** during playback or when playback is stopped.
The unit automatically begins Random Playback and "RAND." appears on the menu screen.

2 To return to normal playback, press **RANDOM**.
"RAND." disappears on the menu screen.

Repeat A-B CD

To repeat a sequence.

1 During disc playback, press **A-B RPT** at your chosen starting point.
The Repeat icon and "A ⋆ " appears on the menu screen.

2 Press **A-B RPT** again at your chosen end point.
The Repeat icon and "A B" appears on the menu screen, and the sequence begins to play repeatedly.

3 To exit the sequence and return to normal play, press **A-B RPT** again.
The Repeat icon and "OFF" appears on the menu screen.

3D Surround CD

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1 Press **DISPLAY** or **AUDIO** during playback.

2 Use ◀/▶ to select the sound icon.
The sound option will be highlighted.

3 Use ▲/▼ to select "NORM.", or "3D SUR".

Changing the Audio Channel CD

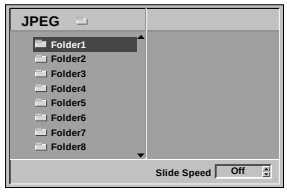
Press **AUDIO** repeatedly during playback to hear a different audio channel (STER., LEFT, or RIGHT).

Viewing a JPEG disc JPEG

This DVD+VCR can play discs with JPEG files. Before playing JPEG recordings, read the notes on JPEG Recordings on right.

1 Insert a disc and close the tray.
The MP3/JPEG choice menu appears on the TV screen.

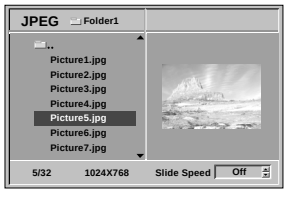
2 Press ▲/▼ to select the JPEG then press ENTER/OK.
The JPEG menu appears on the TV screen.



3 Press ▲/▼ to select a folder then press ENTER/OK.
A list of files in the folder appears.
Press RETURN to move to the MP3/JPEG choice menu.

Tip
If you are in a file list and want to return to the Folder list, use the ▲/▼ buttons on the remote to highlight " .. " and press ENTER/OK to return to the previous menu screen.

4 If you want to view a particular file, press ▲/▼ to highlight a file and press ENTER/OK or PLAY ►.
Viewing the file proceeding starts.
During viewing a file, press RETURN to move to the previous menu (JPEG menu).
Press TOP MENU to move to the next page.
Press MENU to move to the previous page.



Tip
There are three viewing Slide Speed options: Fast, Normal, Slow, and Off. Press ◄/► to highlight the Slide Speed then press ▲/▼ to select the option you want to use, and press ENTER/OK.

5 To stop viewing at any other time, press STOP ■.
The JPEG menu appears.

Moving to another File

Press **SKIP** ⏮ or ⏭ once during viewing a picture to advance to the next file or to the previous file.

Still Picture

1 Press **PAUSE/STEP** ⏸/⏯ during slide show.
The player will now go into PAUSE mode.
2 To return to the slide show, press **PLAY** ► or press **PAUSE/STEP** ⏸/⏯ again.

To flip the picture

Press ▲/▼ during showing a picture to flip the picture horizontally or a vertically.

To rotate picture

Press ◄/► during showing a picture to rotate the picture clockwise or counter clockwise.

Notes on JPEG Recordings

- Depending upon the size and number of the JPEG files, it could take a long time for the DVD+VCR to read the disc's contents. If you don't see an on-screen display after several minutes, some of the files are too big — reduce the resolution of the JPEG files to less than 2 mega pixels and burn another disc.
- Total number of files and folders on the disc should be less than 650.
- Some disc may be incompatible due to different recording format or condition of disc.
- When you are using software such as "Easy CD Creator" to burn the jpeg files into the CD-R, ensure that all the selected files have the ".jpg" extensions when copying into the CD layout.
- If the files have ".jpe" or .jpeg extensions, please rename them as .jpg files.
- File names without .jpg extension will not be able to be read by this DVD+VCR. Even though the files are shown as JPEG image files in windows explorer.

Programmed Playback CD VCD2.0 VCD1.1 MP3

Programmed Playback with Audio CD and MP3 Disc

The Program function enables you to store your favorite tracks from any disc in the player memory.
Program can contain 30 tracks.

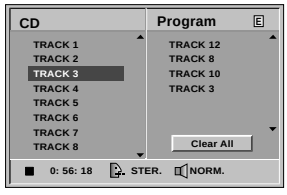
1 Press PROGRAM during playback or in the stop mode to enter the Program Edit mode.

The E mark will appear to the right of the word Program on the right side of the menu screen.

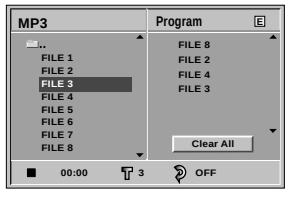
Note
Press PROGRAM to exit the Program Edit mode; the E mark will disappear.

2 Select a track, then press ENTER/OK to place the selected track on the Program list.

3 Repeat step 2 to place additional tracks on the Program list.



Audio CD Menu



MP3 Menu

4 Press ►.
The programmed track you selected last is highlighted on the program list.

5 Press ▲/▼ to select the track you want to start playing.
Press TOP MENU to move to the next page.
Press MENU to move to the previous page.

6 Press PLAY ► to start.
Playback begins in the order in which you programmed the tracks and PROG. appears on the menu screen.
Playback stops after all of the tracks on the Program list have played once.

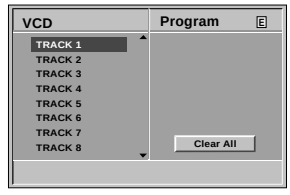
7 To resume normal playback from programmed playback, press PROGRAM.
Select a track of CD (or MP3) list and then press ENTER/OK.
PROG. indicator disappears from the menu screen.

Programmed Playback with Video CD

Note
On a Video CD with PBC, you must set PBC to Off on the setup menu to use the Program function. See page 20.

1 Insert Video CD and close the tray.

2 Press PROGRAM while playback is stopped.
The VCD Program menu will appear.



Note
Press RETURN or PROGRAM to exit the Program menu.

3 Follow steps 2-5 of "Programmed Playback with Audio CD and MP3 disc" on left.

4 Press PLAY ► to start.
Playback begins in the order in which you programmed the tracks. "PROGRAM" indicator will appear briefly on the TV screen.
Playback stops after all of the tracks on the Program list have played once.

5 To resume normal playback from programmed playback, press PROGRAM.
"NORMAL" indicator will appear briefly on the TV screen.

Repeat Programmed Tracks

- To repeat the track currently playing, press REPEAT.
  The Repeat icon and TRACK appears on the menu screen.
- To repeat all tracks on the program list, press REPEAT a second time.
  The Repeat icon and ALL appears on the menu screen.
- To cancel Repeat mode, press REPEAT a third time.
  The Repeat icon and OFF appears on the menu screen.

Erasing a Track from Program List

1 Press PROGRAM during playback (Audio CD and MP3 disc only) or in the stop mode to enter the Program Edit mode.
The E mark will appear.
2 Press ► to move to the Program list.
3 Use ▲/▼ to select the track that you wish to erase from the Program list.
4 Press CLEAR.
The track will be erased from the Program list.

Erasing the Complete Program List

1 Follow steps 1-2 of Erasing a Track from Program List as above.
2 Use ▲/▼ to select Clear All, then press **ENTER/OK**.
The complete Program for the disc will be erased.
The programs are also cleared when the disc is removed.

Hi-Fi Stereo Sound System (NIC)

Your VCR will record and playback Hi-Fi stereo sound. In addition it has a stereo NICAM digital stereo sound decoder. This allows you to record and playback the sound in several different ways. Video cassettes recorded on your VCR will have a normal mono audio track and two VHS Hi-Fi stereo audio tracks. These stereo tracks allow you to make audio recordings in Hi-Fi stereo or bilingual mode from a TV broadcast, stereo audio system, video disc or another Hi-Fi VCR.

1 Your VCR's NICAM digital sound decoder allows you to enjoy broadcasts with NICAM sound, as well as standard stereo, bilingual and mono sound. The particular type of sound received or that recorded will be briefly displayed on the TV screen for a couple of seconds:
STEREO NICAM
Sound is automatically recorded on the Hi-Fi stereo and mono tracks of the video tape.
BIL NICAM
Both audio channels will be recorded on the Hi-Fi stereo tracks. The primary language channel (left) will be recorded on the mono track of the video tape.
MONO
The sound is recorded on the Hi-Fi tracks and the mono track of the video tape without any separation.

2 Press **AUDIO** repeatedly until the desired audio mode appears.

3 The choice is **STEREO**, **LEFT**, **RIGHT** and **MONO**. In **BIL NICAM** playback the primary language is output on the left channel and the secondary channel is output simultaneously from the right channel when audio output is set to **STEREO**. The primary language will be output from both channels when the audio setting is **MONO**.
Please note that when adjusting the tracking control Hi-Fi stereo sound may revert to **MONO**.

Note
When OFF is selected in NIC, only mono sound will be output.

Blank Search

The Blank Search enables you to locate the end of any recording. Whenever a recording creates, a blank content is recorded on the tape.
Press **BLANK SEARCH** in the stop mode and it rapidly advanced to find blank content.
To find next blank content, press **BLANK SEARCH** again.

On Screen Display (F.OSD)

You may easily display the current time or tape counter, amount of tape left, day, month, year, day of week, programme channel, tape speed and operational mode of your DVD+VCR on the TV screen. If a recording is taking place these On Screen Displays will not be recorded onto the tape.

1 Press **CLK/CNT** to display.
Press **CLK/CNT** repeatedly to cycle through the display options. The tape counter and amount of tape left will appear if there is a tape loaded.

2 After 3 seconds the majority of the On Screen Displays will clear leaving only the clock or tape counter and the amount of tape left on the screen. Press **CLK/CNT** again to remove all displays from the TV screen.

Note
It cannot display when F.OSD is OFF.

Tape Counter Memory Stop

The **Digital Tape Counter** can be displayed on the display window instead of the time by pressing **CLK/CNT** on the remote control. The Digital Tape Counter indicates the relative positions of recordings on the tape.

1 Press **CLK/CNT**.
Press **COUNTER RESET** to set the counter to 0:00:00.
Press **PLAY** ► or start recording.
The tape counter will display the actual play time in hours, minutes and seconds.

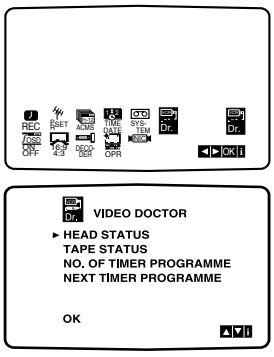
2 Press **STOP** ■ when playback or recording is complete.
Press **REW** ◄◄.
The tape will rewind and automatically stop when the counter returns to 0:00:00.

Note
To rewind to the beginning of the tape, press ◄◄ again.

Video Doctor (Self-Diagnosis)

This feature informs you that there is a problem with your VCR. These error messages will appear on the TV screen.

1 Press **VCR MENU**.
Press ◄ or ► to select **Dr**.
Press **ENTER/OK**.



2 Press ▲ or ▼ to check a problem.

HEAD STATUS
- **PLEASE CLEAN:**
  Clean your video heads.

TAPE STATUS
- **NOT RECORDABLE:**
  Insert a tape with its protection tab in place

NO. OF TIMER PROGRAMME
- **2**
  Shows the number of timer recording.

NEXT TIMER PROGRAMME
- **PR-01 26 10:00~11:00 SP**
  Shows the current status of timer recording.

3 Press **VCR MENU** to remove the menus from the TV screen.

To set the decoder

We have already described, how to connect a decoder for pay-TV station as CANAL+ or PREMIERE on page 11. For the recording of an encoded station you do not have to control anything. You just select the station and wait shortly until the decoding will start.

1 Press **VCR MENU**.
The main menu will appear on the TV screen.
Press ◄ or ► to select the **DECODER**.
Press **ENTER/OK**.

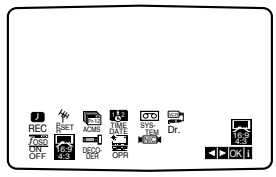
2 Press ▲ or ▼ to select.
ON: When the decoder is connected to the AV2 socket.
OFF: When another VCR is connected to the AV2 socket.

Press **VCR MENU** to return to a TV picture.

Wide Screen Compatibility 16:9

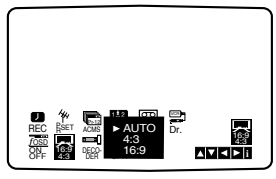
Your VCR can record and play back wide screen aspect ratio programmes (16:9). To record a wide screen format programme successfully the correct type of wide screen signal must be broadcast by the TV station.

1 Switch on your VCR.
Press **VCR MENU**.
Press ◄ or ► to select **16:9/4:3**.
Press **ENTER/OK**.



2 Press ▲/▼ repeatedly to select: **AUTO, 4:3** or **16:9**.

AUTO:
Automatically plays back Wide-Screen programmes as Wide-Screen and Normal programmes as normal.
4:3
Only for playing back and recording Normal format recordings (4:3).
16:9:
Only for playing back and recording Wide-Screen format recordings (16:9).



3 Press **VCR MENU** to remove the menus from the TV screen.

Copying from DVD To VCR

This unit allows you to copy the contents of a DVD to a VHS tape with a press of the **REC/OTR** button.

Note
If the DVD you are attempting to copy is copy protected, you may not be able to copy the disc.

1 **Insert Disc**
Insert the disc you wish to copy in the DVD deck and close the disc tray.

2 **Insert VHS Tape**
Insert a blank VHS videotape into the VCR deck.

3 **Press DVD so that the DVD indicator lights up.**

4 **Copy the DVD to VHS Tape**
Press the **REC** ● button on the unit front panel.
- The DVD will go into Play mode and the VCR will go into Record mode.
- If the DVD disc menu appears, you may need to press the Play button manually to begin copying.

5 **Stop the Copy Process.**
Press STOP ■.

Recording from another video recorder

With this video recorder you can make recordings from an external source, such as copying from another video recorder or a camcorder.

Note
In the following description, this video recorder will be one used for recording and will be referred to as VCR B. The other appliance will be used for playback and will be referred to as VCR A.

1 VCR A should be connected to the SCART socket on the rear panel of your unit or the AV sockets on the front panel of your unit.

2 Insert the recorded tape into VCR A and a blank tape into VCR B.

3 To start recording, press the **REC** ● on VCR B and **PLAY** ► on VCR A.

4 When you want to finish copying, press **STOP** ■ on this video recorder and then **STOP** ■ the VCR A.

Troubleshooting

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No power.	● The power cord is disconnected	● Plug the power cord into the wall outlet securely.
The power is on, but the DVD+VCR player does not work.	● DVD or VCR button is not switched properly.	● Refer to page 6.
	● No disc is inserted. ● No tape is inserted.	● Insert a disc or tape. (Check that the disc or tape indicator in the display window is lit.)
No picture.	● The TV is not set to receive DVD+VCR signal output.	● Select the appropriate video input mode on the TV so the picture from the DVD+VCR player appears on the TV screen.
	● The video cable is not connected securely.	● Connect the video cable into the jacks securely.
	● The Progressive Scan is set to On on the setup menu but is connected to a standard(analog) television.	● Set Progressive Scan to Off (see page 19).
No sound.	● The equipment connected with the audio cable is not set to receive DVD+VCR signal output.	● Select the correct input mode of the audio receiver so you can listen to the sound from the DVD+VCR player.
	● The audio cables are not connected securely.	● Connect the audio cable into the jacks securely.
	● The power of the equipment connected with the audio cable is turned off.	● Turn on the equipment connected with the audio cable.
	● The Digital Audio Output is set to the wrong position.	● Set the Digital Audio Output to the correct position, then turn on the DVD+VCR player again by pressing I/⏻.
The playback picture is poor.	● The disc is dirty.	● Clean the disc.
	● The TV channels are not tuned in properly	● Check tuning, carry out tuning again.
	● Tape heads are dirty.	● Clean video heads.
	● Tape is a rental or was recorded on another VCR.	● Use PR/TRK (+/-) for manual tracking adjustment while tape is playing.
	● This unit can only output 625p Progressive scan picture.	● Make sure that your TV can support 625p Progressive scan picture or set Progressive scan to off.
The DVD+VCR player does not start playback.	● An unplayable disc is inserted.	● Insert a playable disc. (Check the disc type and Regional code.)
	● The disc is placed upside down.	● Place the disc with the playback side down.
	● The disc is not placed within the guide.	● Place the disc on the disc tray correctly inside the guide.
	● The disc is dirty.	● Clean the disc.
	● The Rating level is set.	● Cancel the Rating function or change the rating level.
Video tape cannot be inserted.	● Is the cassette compartment empty?	● Eject the tape in.
No Hi-Fi sound	● Audio mode is not set properly.	● Select STEREO by repeatedly pressing AUDIO on the remote control.
No NICAM sound recording	● NICAM mode is not set properly.	● Make sure NICAM in the menu is set to AUTO for the station to be recorded.

Troubleshooting (Continued)

Symptom	Cause	Correction
The remote control does not work properly.	• There is an obstacle in the path of the remote control and this unit.	• Remove the obstacle.
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.
	• The remote control is not pointed at the remote sensor of the DVD+VCR.	• Point the remote control at the remote sensor of the DVD+VCR.
	• The remote control is too far from the DVD+VCR.	• Operate the remote control within 23ft (7m).
	• This remote control use the same buttons for VCR and DVD functions (ex.PLAY).	• When using a VCR, first press the VCR button. When using a DVD, first press the DVD button.
Camcorder image is not shown.	• Camcorder is off.	• Turn camcorder on and operate properly.
Camcorder image via A/V input to DVD+VCR is not shown on TV screen.	• DVD+VCR SOURCE SELECT is not set to AV1 or AV3.	• Press INPUT SELECT to select LINE input channel (AV1 or AV3).
Timer recording is not possible.	• Clock in DVD+VCR is not set to correct time.	• Set clock to correct time. See Setting the clock Manually on page 14.
	• Timer has been programmed incorrectly.	• Reprogram Timer. See Timer recording using On Screen Display on page 24.
	• ⏲ indicator does not appear.	• Press I/⏻ to switch to Timer recording standby mode.

Video Head Cleaning

Whenever a video cassette is inserted into or ejected from your DVD+VCR the video head is automatically cleaned. This should mean that additional head cleaning should not be necessary.

However, dirt accumulating on the head after a long period of time can cause the playback picture to become blurred or broken up. High quality video cassette tapes will not normally deposit dirt onto the video head, but old or damaged tapes might.

Language Code List

Enter the appropriate code number for the initial settings Disc Audio, Disc Subtitle and/or Disc Menu (See page 19).

Code	Language	Code	Language	Code	Language	Code	Language
6566	Abkhazian	7074	Fiji	7678	Lingala	8373	Singhalese
6565	Afar	7073	Finnish	7684	Lithuanian	8375	Slovak
6570	Afrikaans	7082	French	7775	Macedonian	8376	Slovenian
8381	Albanian	7089	Frisian	7771	Malagasy	8379	Somali
6577	Ameharic	7176	Galician	7783	Malay	6983	Spanish
6582	Arabic	7565	Georgian	7776	Malayalam	8385	Sudanese
7289	Armenian	6869	German	7784	Maltese	8387	Swahili
6583	Assamese	6976	Greek	7773	Maori	8386	Swedish
6588	Aymara	7576	Greenlandic	7782	Marathi	8476	Tagalog
6590	Azerbaijani	7178	Guarani	7779	Moldavian	8471	Tajik
6665	Bashkir	7185	Gujarati	7778	Mongolian	8465	Tamil
6985	Basque	7265	Hausa	7865	Nauru	8484	Tatar
6678	Bengali; Bangla	7387	Hebrew	7869	Nepali	8469	Telugu
6890	Bhutani	7273	Hindi	7879	Norwegian	8472	Thai
6672	Bihari	7285	Hungarian	7982	Oriya	6679	Tibetan
6682	Breton	7383	Icelandic	8065	Panjabi	8473	Tigrinya
6671	Bulgarian	7378	Indonesian	8083	Pashto, Pushto	8479	Tonga
7789	Burmese	7365	Interlingua	7065	Persian	8482	Turkish
6669	Byelorussian	7165	Irish	8076	Polish	8475	Turkmen
7577	Cambodian	7384	Italian	8084	Portuguese	8487	Twi
6765	Catalan	7465	Japanese	8185	Quechua	8575	Ukrainian
9072	Chinese	7487	Javanese	8277	Rhaeto-Romance	8582	Urdu
6779	Corsican	7578	Kannada	8279	Rumanian	8590	Uzbek
7282	Croatian	7583	Kashmiri	8285	Russian	8673	Vietnamese
6783	Czech	7575	Kazakh	8377	Samoan	8679	Volapük
6865	Danish	7589	Kirghiz	8365	Sanskrit	6789	Welsh
7876	Dutch	7579	Korean	7168	Scots Gaelic	8779	Wolof
6978	English	7585	Kurdish	8382	Serbian	8872	Xhosa
6979	Esperanto	7679	Laothian	8372	Serbo-Croatian	7473	Yiddish
6984	Estonian	7665	Latin	8378	Shona	8979	Yoruba
7079	Faroese	7686	Latvian, Lettish	8368	Sindhi	9085	Zulu

Country/Area Code List

Enter the appropriate code number for the initial setting Area Code (See page 21).

Code	Country/Area
AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaidjan
BA	Bosnia-Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Ivory Coast
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CS	Former Czechoslovakia
CU	Cuba
CV	Cape Verde
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands
FM	Micronesia
FO	Faroe Islands
FR	France
FX	France (European Territory)
GA	Gabon
GB	Great Britain
GD	Grenada
GE	Georgia
GF	French Guyana
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe (French)
GQ	Equatorial Guinea
GR	Greece
GS	S. Georgia & S. Sandwich Isls.
GT	Guatemala
GU	Guam (USA)
GW	Guinea Bissau
GY	Guyana
HK	Hong Kong
HM	Heard and McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran
IS	Iceland
IT	Italy
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia6
KI	Kiribati
KM	Comoros
KN	Saint Kitts & Nevis Anguilla
KP	North Korea
KR	South Korea
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Laos
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldavia
MG	Madagascar
MH	Marshall Islands
MK	Macedonia
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macau
MP	Northern Mariana Islands
MQ	Martinique (French)
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia (French)
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	Polynesia (French)
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn Island
PR	Puerto Rico
PT	Portugal
PW	Palau
PY	Paraguay
QA	Qatar
RE	Reunion (French)
RO	Romania
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena
SI	Slovenia
SJ	Svalbard and Jan Mayen Islands
SK	Slovak Republic
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
ST	Saint Tome and Principe
SU	Former USSR
SV	El Salvador
SY	Syria
SZ	Swaziland
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tadjikistan
TK	Tokelau
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TP	East Timor
TR	Turkey
TT	Trinidad and Tobago
TV	Tuvalu
TW	Taiwan
TZ	Tanzania
UA	Ukraine
UG	Uganda
UK	United Kingdom
UM	USA Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State
VC	Saint Vincent & Grenadines
VE	Venezuela
VG	Virgin Islands (British)
VI	Virgin Islands (USA)
VN	Vietnam
VU	Vanuatu
WF	Wallis and Futuna Islands
WS	Samoa
YE	Yemen
YT	Mayotte
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe

Specification

General

Power requirements	AC 200-240V, 50Hz
Power consumption	19W
Dimensions (approx.)	430 X 78.5 X 275 mm (w/h/d)
Mass (approx.)	4.0 kg
Operating temperature	5˚C to 35˚C (41˚F to 95˚F)
Operating humidity	5 % to 90 %
Timer	24 hours display type
RF Modulator	UHF 22-68 (Adjustable)

System

Laser	Semiconductor laser, wavelength 650 nm
Video Head system	Double azimuth 6 heads, helical scanning.
Signal system	PAL
Frequency response	DVD (PCM 96 kHz): 8 Hz to 44 kHz
	DVD (PCM 48 kHz): 8 Hz to 22 kHz
	CD: 8 Hz to 20 kHz
Signal-to-noise ratio	More than 100 dB (ANALOG OUT connectors only)
Harmonic distortion	Less than 0.008%
Dynamic range	More than 100 dB (DVD)
	More than 95 dB (CD)

Inputs (VCR)

Audio	-6.0 dBm, more than 10 kohms (SCART)
	-6.0 dBm, more than 47 kohms (RCA)
Video	1.0 V (p-p), 75 ohms, unbalanced (SCART/RCA)
RF IN	PAL B/G, I/I
	SECAM D/K

Outputs (DVD)

VIDEO OUT	1.0 V (p-p) 75 ohms, negative sync
COMPONENT VIDEO OUT	(Y) 1.0 V (p-p), 75 ohms, negative sync, RCA jack x 1
(PROGRESSIVE SCAN)	(Pb)/(Pr) 0.7 V (p-p), 75 ohms, RCA jack x 2
Audio output (digital audio)	0.5 V (p-p), 75 ohms, RCA jack x 1
Audio output (optical audio)	5.0 V (p-p), 75 ohms, Optical connector x 1
Audio output (analog audio)	2.0 Vrms (1 kHz, 0 dB), 600 ohms, RCA jack (L, R) x 1/SCART (TO TV)

Outputs (VCR/DVD)

Audio	-6.0dBm, less than 1 kohms (SCART)
Video	1.0V (p-p), 75 ohms, unbalanced (SCART)

Outputs (DVD)

S-VIDEO OUT	(Y) 1.0 V (p-p) 75 ohms, negative sync., Mini Din 4-pin x 1
	(Y) 0.3 V (p-p) 75 ohms

Accessories:

RF 75-ohm Coaxial Cable x 1, Remote control x 1, Batteries (R03/AAA) x 2

- Design and specifications are subject to change without notice.

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DTS and DTS Digital Out are trademarks of Digital Theater Systems, Inc.

TOSHIBA

P/NO: 3834RV0004D

Printed in Indonesia

SECTION 2

CABINET & MAIN CHASSIS

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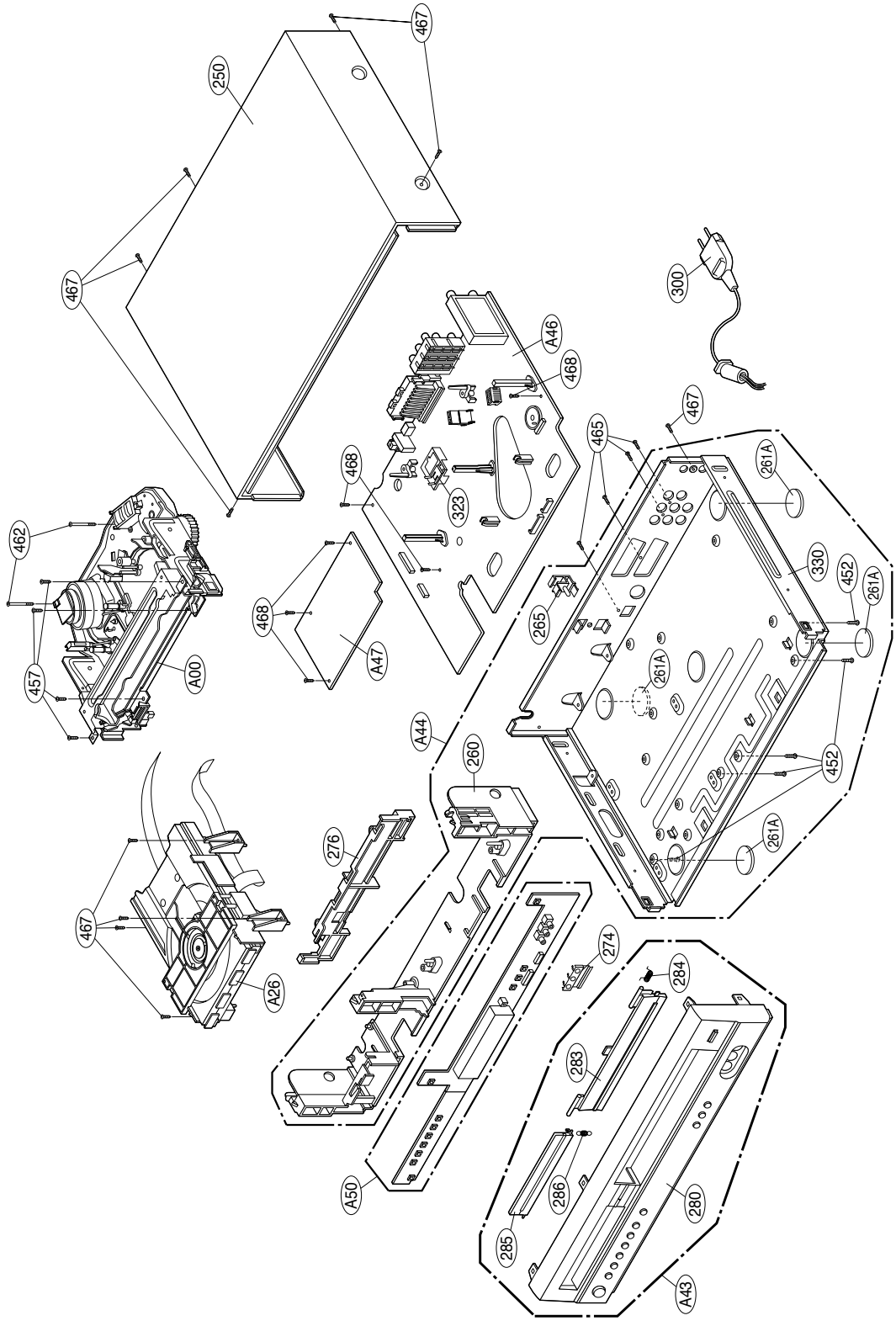
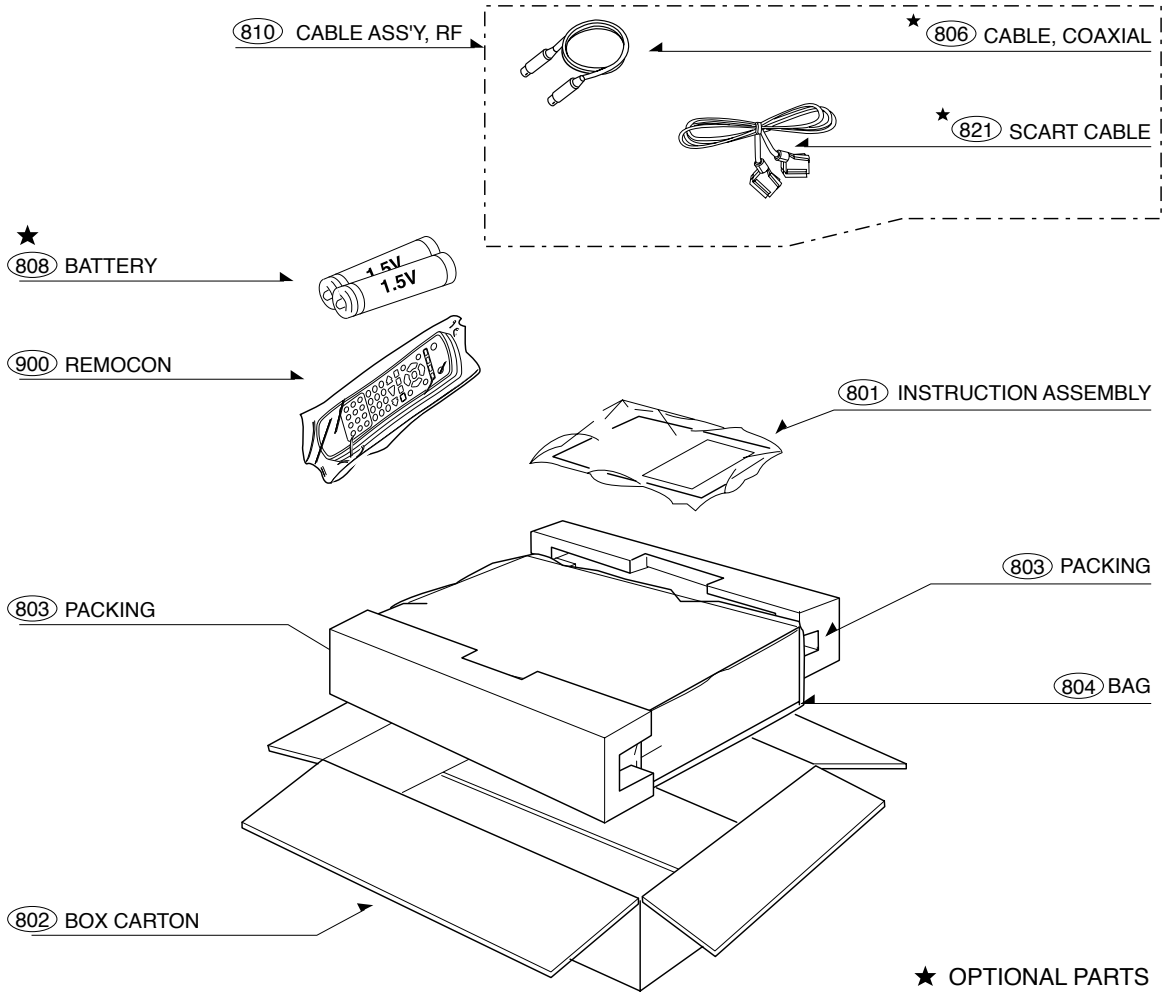
EXPLODED VIEWS

1. Cabinet and Main Frame Section



2. Packing Accessory Section



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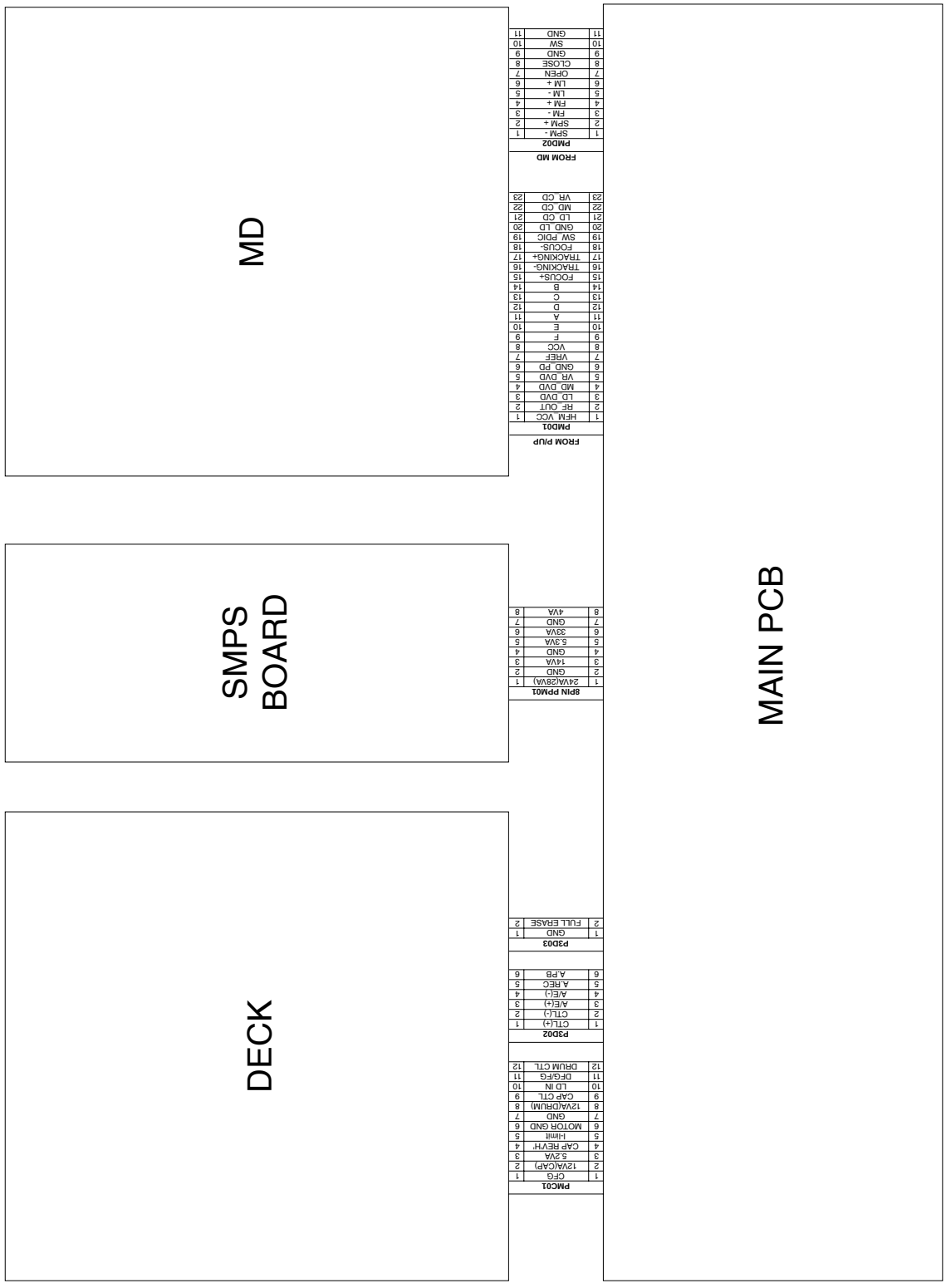
OVERALL WIRING DIAGRAM



VCR PART
ELECTRICAL ADJUSTMENT PROCEDURES

1. Servo Adjustment

1) PG Adjustment

• Test Equipment

a) OSCILLOSCOPE	C) PAL MODEL : PAL SP TEST TAPE
b) NTSC MODEL : NTSC SP TEST TAPE	

• Adjustment And Specification

MODE	MEASUREMENT POINT	ADJUSTMENT POINT	SPECIFICATION
PLAY	V.Out H/SW(TP)	R/C TRK JIG KEY	6.5 ± 0.5H

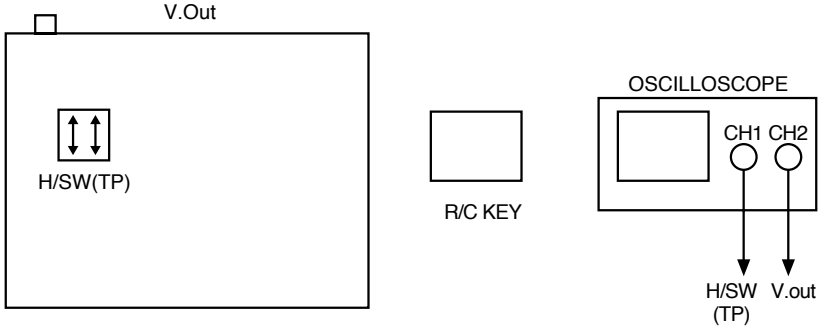
- **Adjustment Procedure**

a) Insert the SP Test Tape and play.
Note - Adjust the distance of X, pressing the Tracking(+) or Tracking(-) when the “ATR” is blink after the SP Test Tape is inserted.
b) Connect the CH1 of the oscilloscope to the H/SW(TP) and CH2 to the Video Out for the VCR.
c) Trigger the mixed Combo Video Signal of CH2 to the CH1 H/SW(TP), and then check the distance (time difference), which is from the selected A(B) Head point of the H/SW(TP) signal to the starting point of the vertical synchronized signal, to 6.5H ± 0.5H (412μs, 1H=63μs).

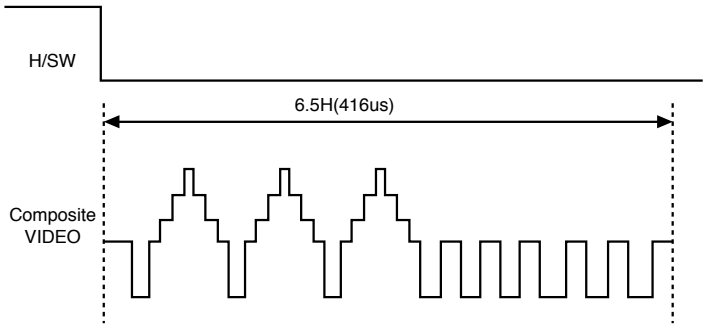
- **PG Adjustment Method**

a-1) Payback the SP standard tape
b-2) Press the “1” key on the Remote controller and the “PLAY” key on the Front Panel the same time, then it goes in to Tracking initial mode.
c-3) Repeat the above step(No.b-2), then it finishes the PG adjusting automatically.
d-4) Stop the playback, then it goes out to PG adjusting mode after mony the PG data.

- **CONNECTION**

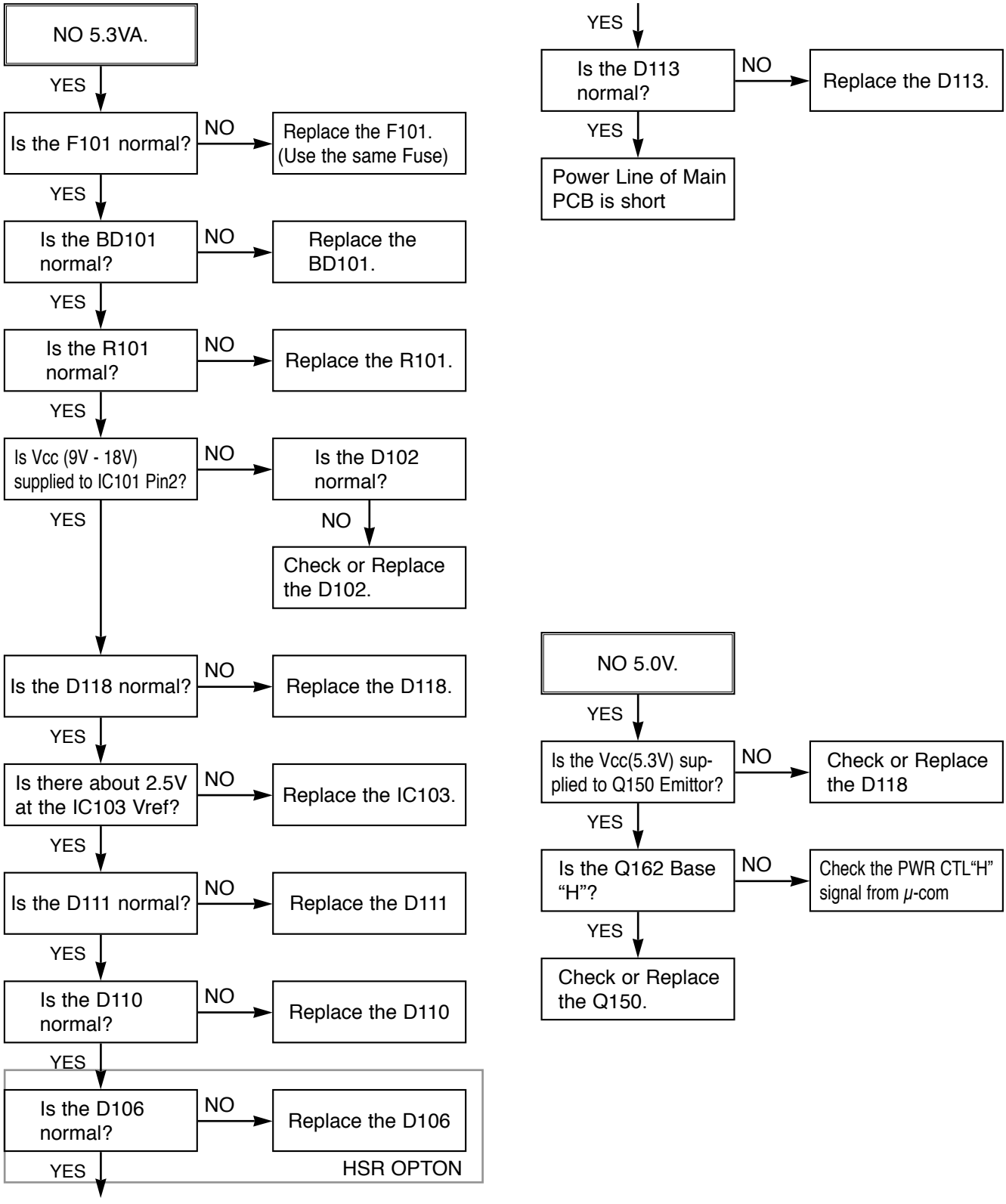


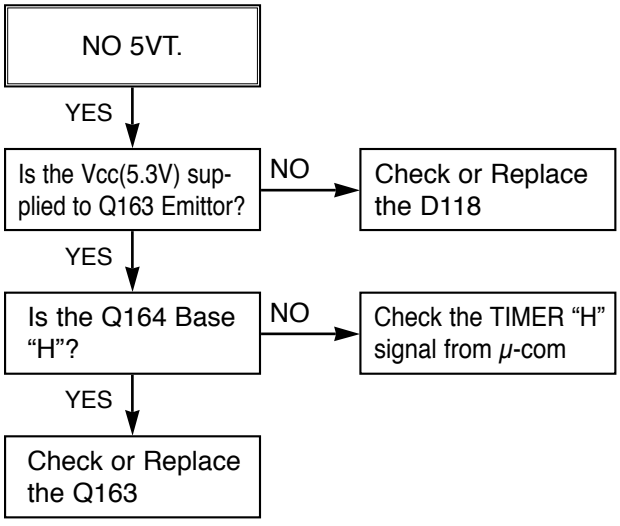
- **WAVEFORM**

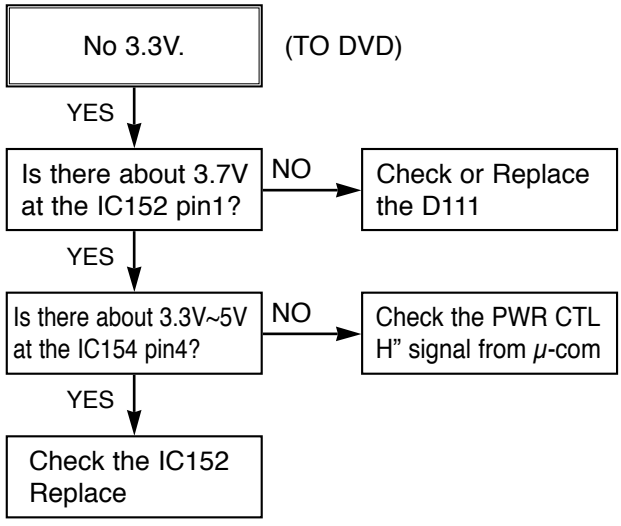


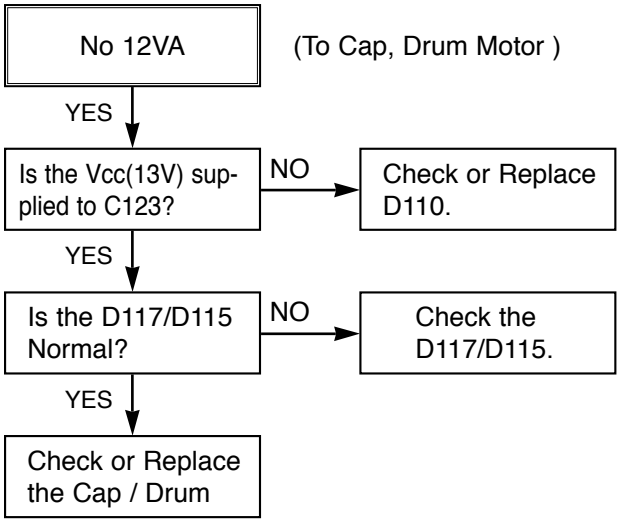
ELECTRICAL TROUBLESHOOTING GUIDE

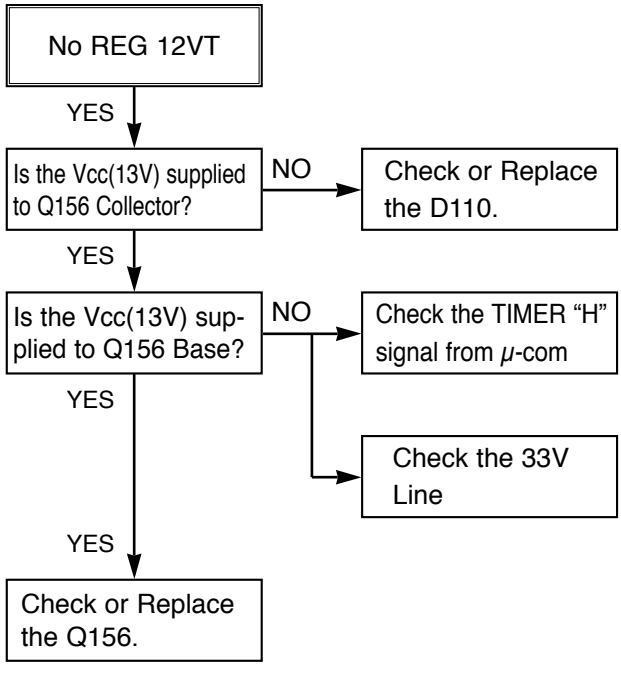
1. Power(SMPS) CIRCUIT

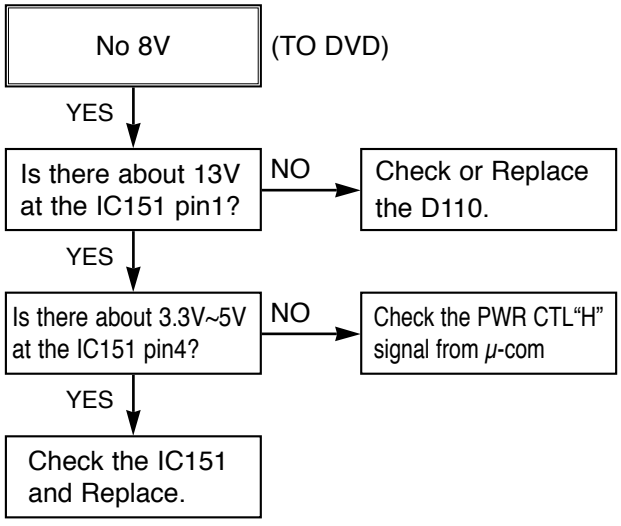


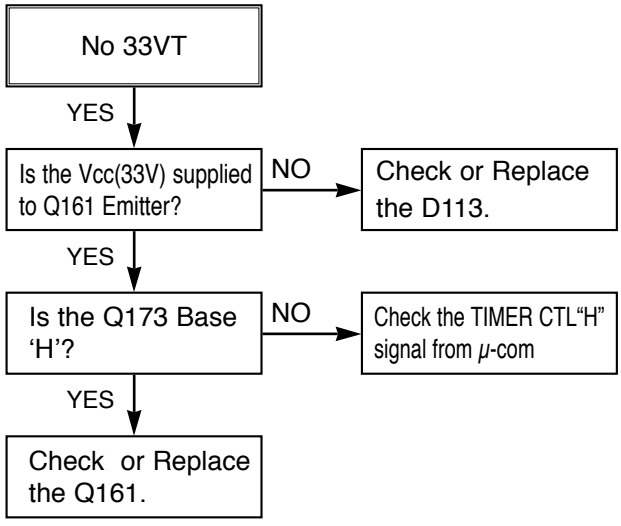

NO 5VT.
YES
Is the Vcc(5.3V) supplied to Q163 Emittor?
NO
Check or Replace the D118
YES
Is the Q164 Base "H"?
NO
Check the TIMER "H" signal from μ-com
YES
Check or Replace the Q163

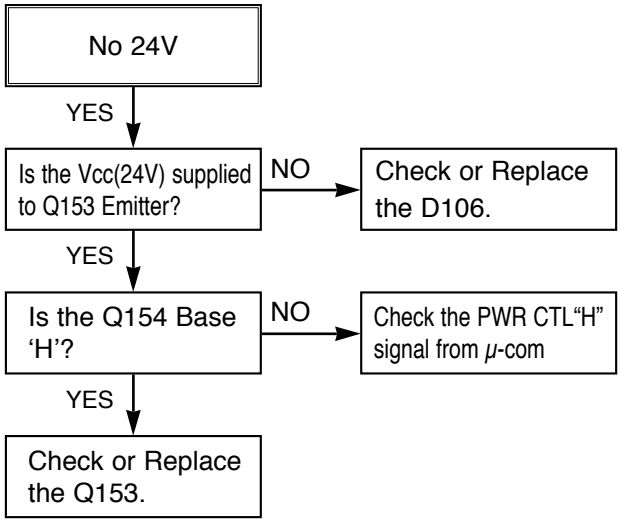

No 3.3V.
(TO DVD)
YES
Is there about 3.7V at the IC152 pin1?
NO
Check or Replace the D111
YES
Is there about 3.3V~5V at the IC154 pin4?
NO
Check the PWR CTL H" signal from μ-com
YES
Check the IC152 Replace


No 12VA
(To Cap, Drum Motor)
YES
Is the Vcc(13V) supplied to C123?
NO
Check or Replace D110.
YES
Is the D117/D115 Normal?
NO
Check the D117/D115.
YES
Check or Replace the Cap / Drum


No REG 12VT
YES
Is the Vcc(13V) supplied to Q156 Collector?
NO
Check or Replace the D110.
YES
Is the Vcc(13V) supplied to Q156 Base?
NO
Check the TIMER "H" signal from μ-com
YES
Check the 33V Line
YES
Check or Replace the Q156.

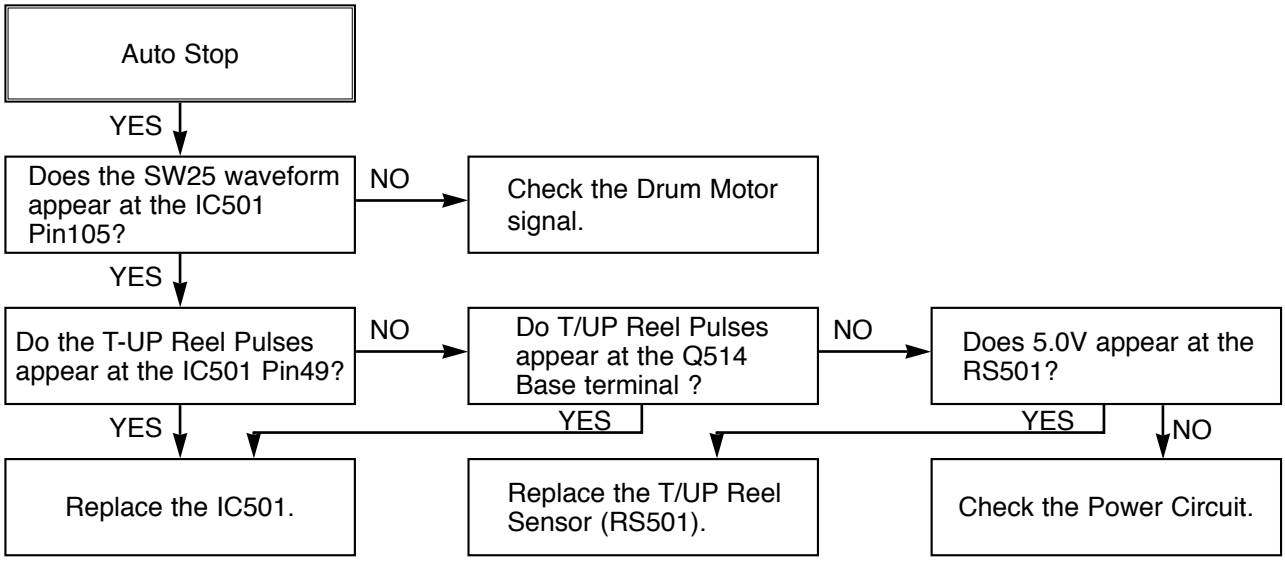

No 8V
(TO DVD)
YES
Is there about 13V at the IC151 pin1?
NO
Check or Replace the D110.
YES
Is there about 3.3V~5V at the IC151 pin4?
NO
Check the PWR CTL"H" signal from μ-com
YES
Check the IC151 and Replace.


No 33VT
YES
Is the Vcc(33V) supplied to Q161 Emitter?
NO
Check or Replace the D113.
YES
Is the Q173 Base 'H'?
NO
Check the TIMER CTL"H" signal from μ-com
YES
Check or Replace the Q161.

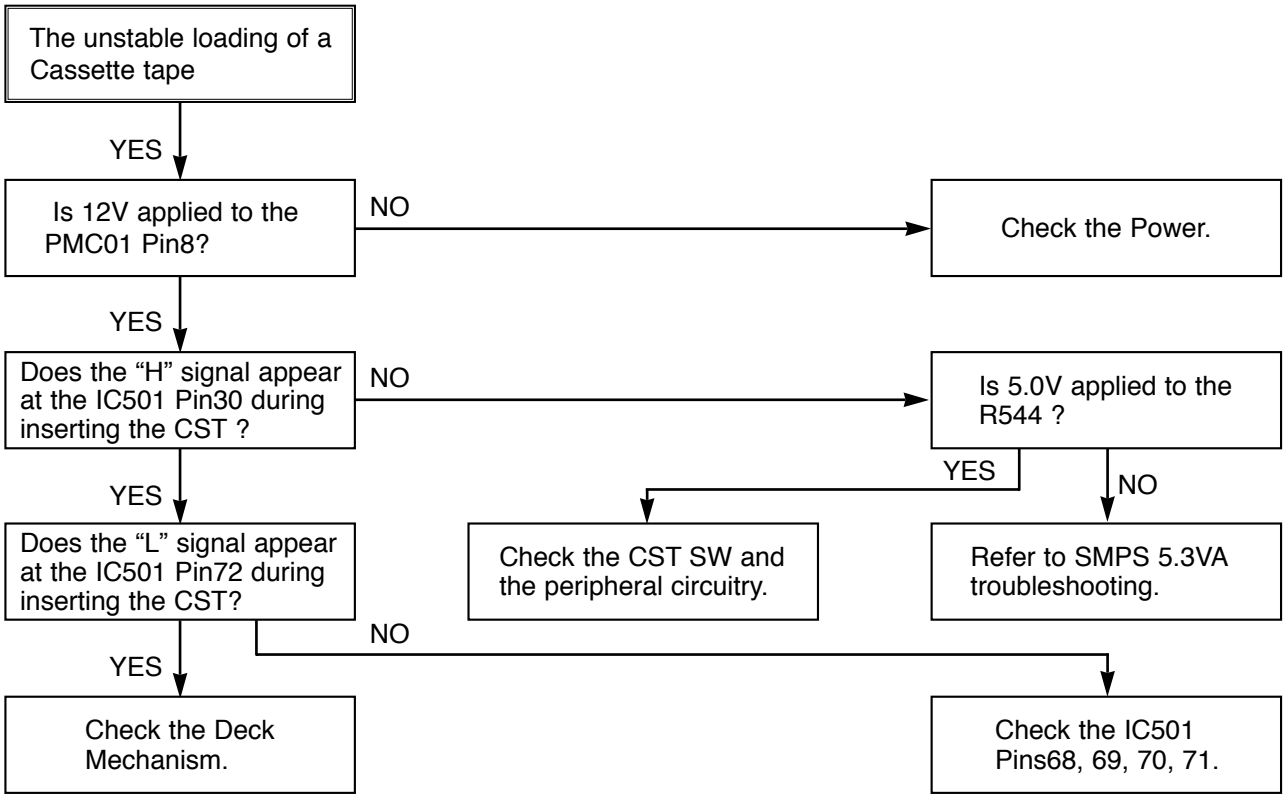

No 24V
YES
Is the Vcc(24V) supplied to Q153 Emitter?
NO
Check or Replace the D106.
YES
Is the Q154 Base 'H'?
NO
Check the PWR CTL"H" signal from μ-com
YES
Check or Replace the Q153.

2. SYSTEM/KEY CIRCUIT

(1) AUTO STOP



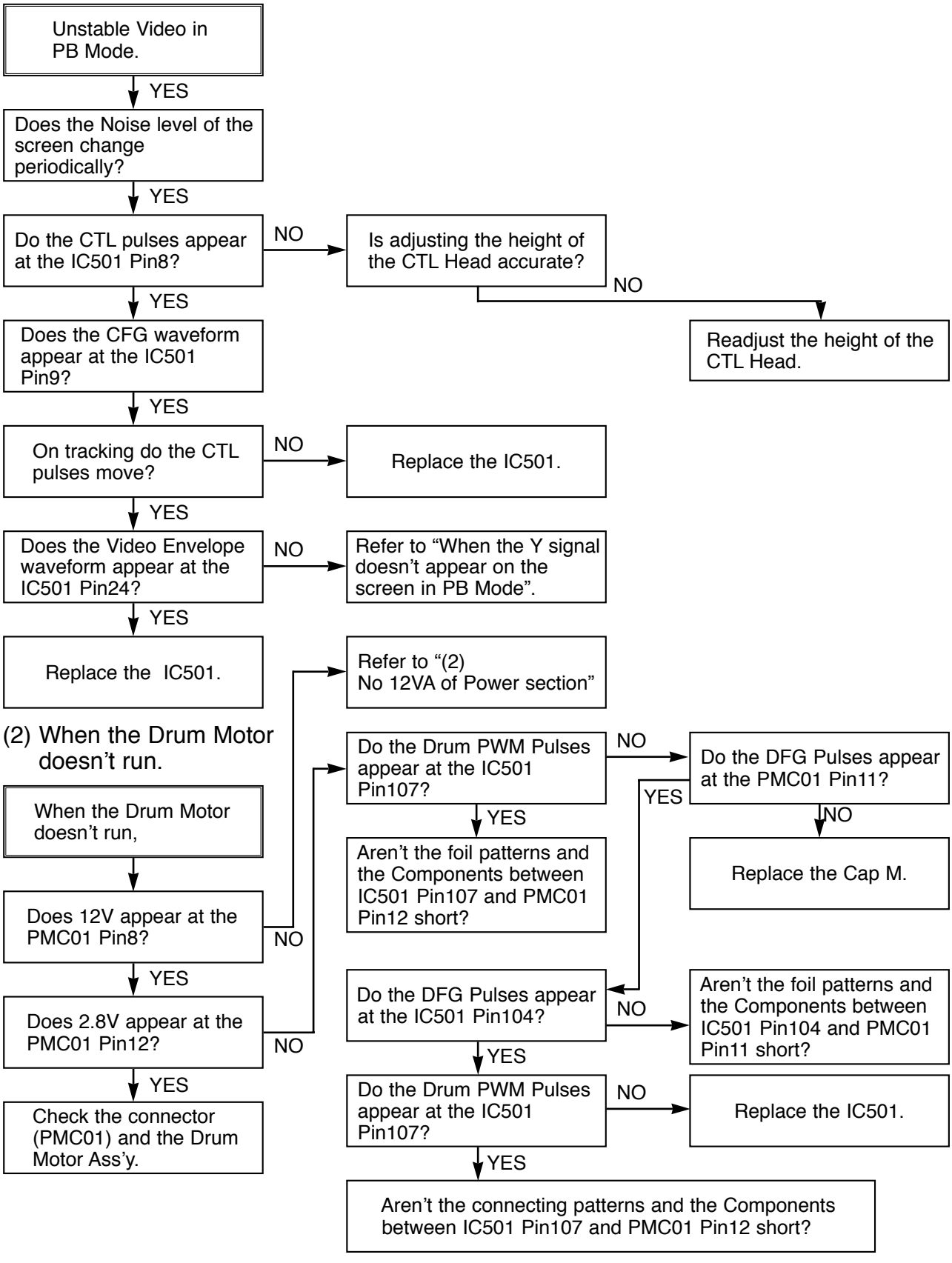
(2) The unstable loading of a Cassette tape


The unstable loading of a Cassette tape
YES
Is 12V applied to the PMC01 Pin8?
NO
Check the Power.
YES
Does the “H” signal appear at the IC501 Pin30 during inserting the CST ?
NO
Is 5.0V applied to the R544 ?
YES
NO
YES
Does the “L” signal appear at the IC501 Pin72 during inserting the CST?
Check the CST SW and the peripheral circuitry.
Refer to SMPS 5.3VA troubleshooting.
NO
YES
Check the Deck Mechanism.
Check the IC501 Pins68, 69, 70, 71.

Caution : Auto stop can occur because Grease or Oil is dried up

3. SERVO CIRCUIT

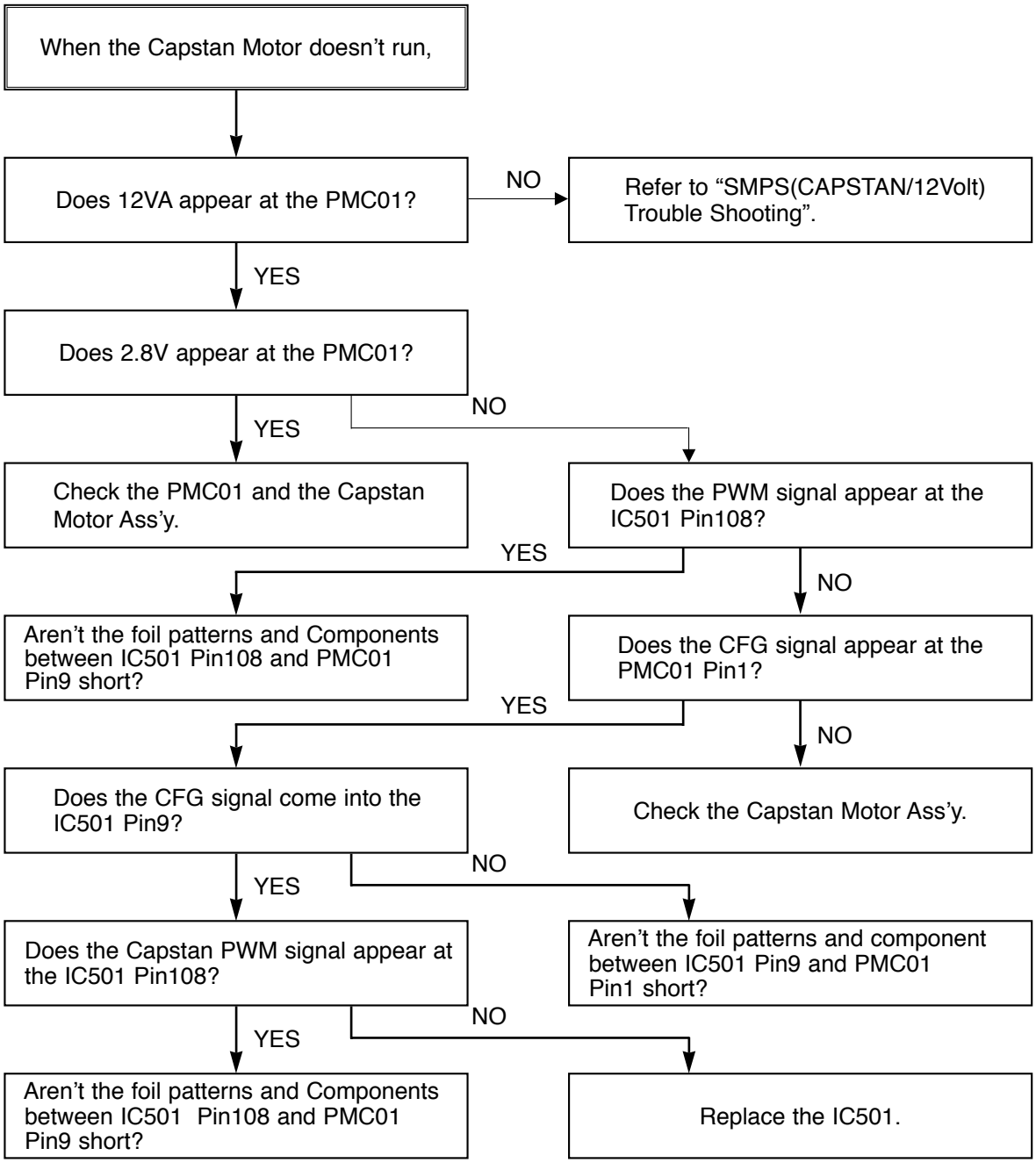
(1) Unstable Video in PB MODE


Unstable Video in PB Mode.
YES
Does the Noise level of the screen change periodically?
YES
Do the CTL pulses appear at the IC501 Pin8?
NO
Is adjusting the height of the CTL Head accurate?
NO
Readjust the height of the CTL Head.
YES
Does the CFG waveform appear at the IC501 Pin9?
YES
On tracking do the CTL pulses move?
NO
Replace the IC501.
YES
Does the Video Envelope waveform appear at the IC501 Pin24?
NO
Refer to "When the Y signal doesn't appear on the screen in PB Mode".
YES
Replace the IC501.

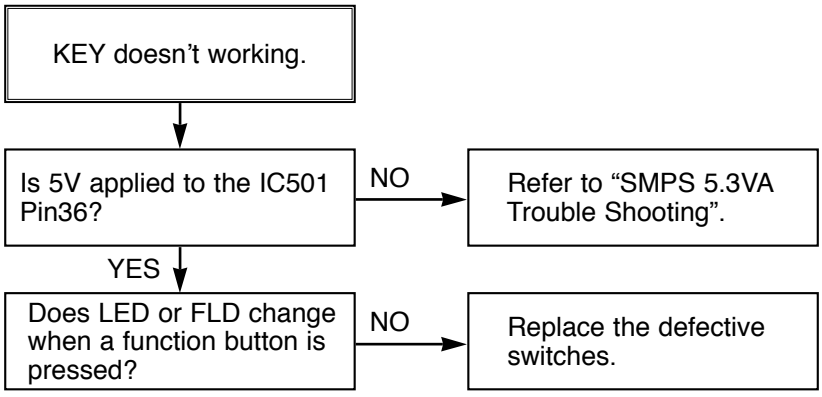
(2) When the Drum Motor doesn't run.

When the Drum Motor doesn't run,
Does 12V appear at the PMC01 Pin8?
NO
Refer to "(2) No 12VA of Power section"
YES
Does 2.8V appear at the PMC01 Pin12?
NO
Do the Drum PWM Pulses appear at the IC501 Pin107?
NO
Do the DFG Pulses appear at the PMC01 Pin11?
YES
NO
YES
Aren't the foil patterns and the Components between IC501 Pin107 and PMC01 Pin12 short?
Replace the Cap M.
YES
Check the connector (PMC01) and the Drum Motor Ass'y.
Do the DFG Pulses appear at the IC501 Pin104?
NO
Aren't the foil patterns and the Components between IC501 Pin104 and PMC01 Pin11 short?
YES
Do the Drum PWM Pulses appear at the IC501 Pin107?
NO
Replace the IC501.
YES
Aren't the connecting patterns and the Components between IC501 Pin107 and PMC01 Pin12 short?

(3) When the Capstan Motor doesn't run,

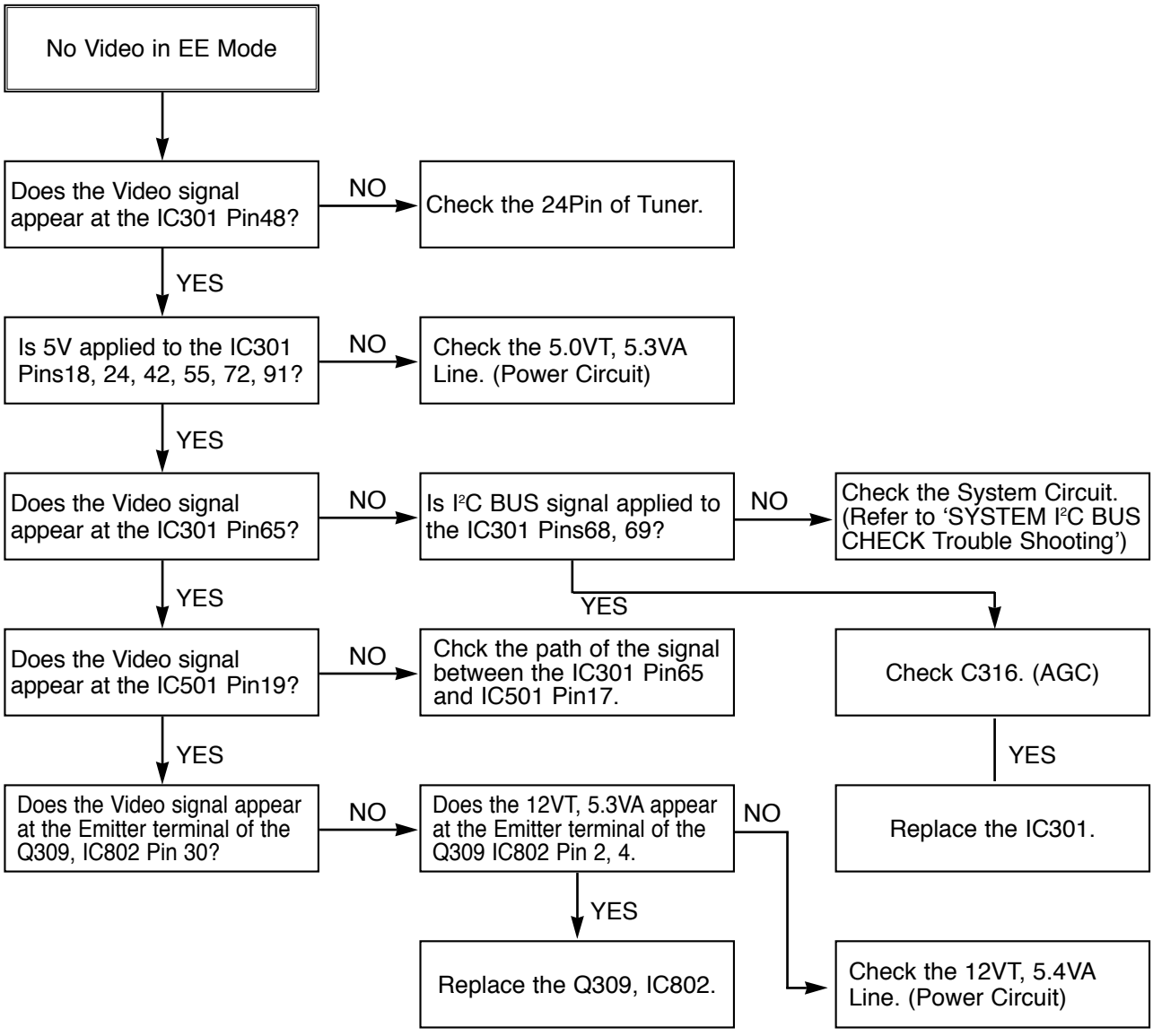

When the Capstan Motor doesn't run,
Does 12VA appear at the PMC01?
NO
Refer to "SMPS(CAPSTAN/12Volt) Trouble Shooting".
YES
Does 2.8V appear at the PMC01?
NO
YES
Check the PMC01 and the Capstan Motor Ass'y.
Does the PWM signal appear at the IC501 Pin108?
YES
NO
Aren't the foil patterns and Components between IC501 Pin108 and PMC01 Pin9 short?
Does the CFG signal appear at the PMC01 Pin1?
YES
NO
Does the CFG signal come into the IC501 Pin9?
Check the Capstan Motor Ass'y.
NO
YES
Does the Capstan PWM signal appear at the IC501 Pin108?
Aren't the foil patterns and component between IC501 Pin9 and PMC01 Pin1 short?
NO
YES
Aren't the foil patterns and Components between IC501 Pin108 and PMC01 Pin9 short?
Replace the IC501.

(4) KEY doesn't working

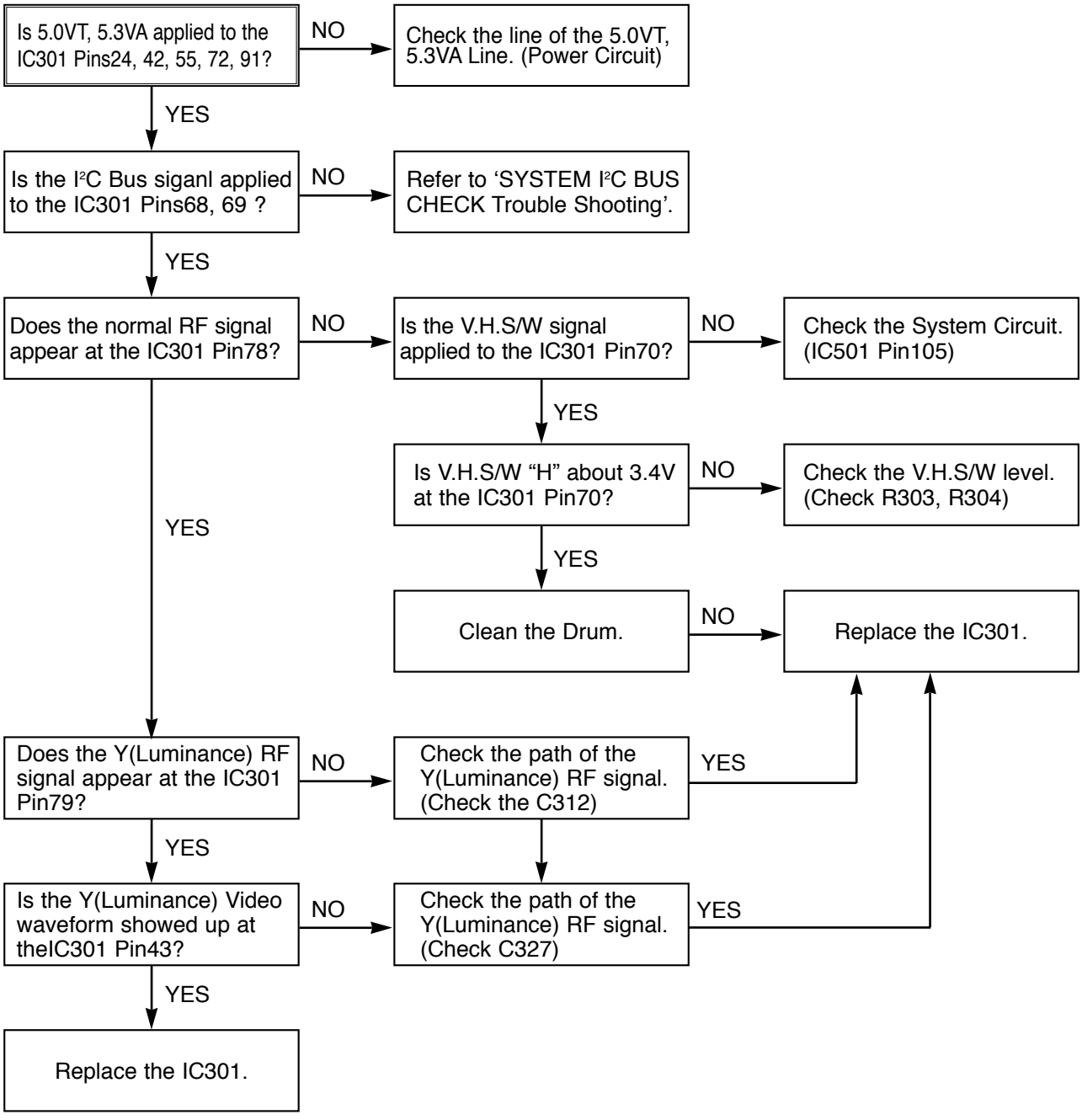

KEY doesn't working.
Is 5V applied to the IC501 Pin36?
NO
Refer to "SMPS 5.3VA Trouble Shooting".
YES
Does LED or FLD change when a function button is pressed?
NO
Replace the defective switches.

4. Y/C CIRCUIT

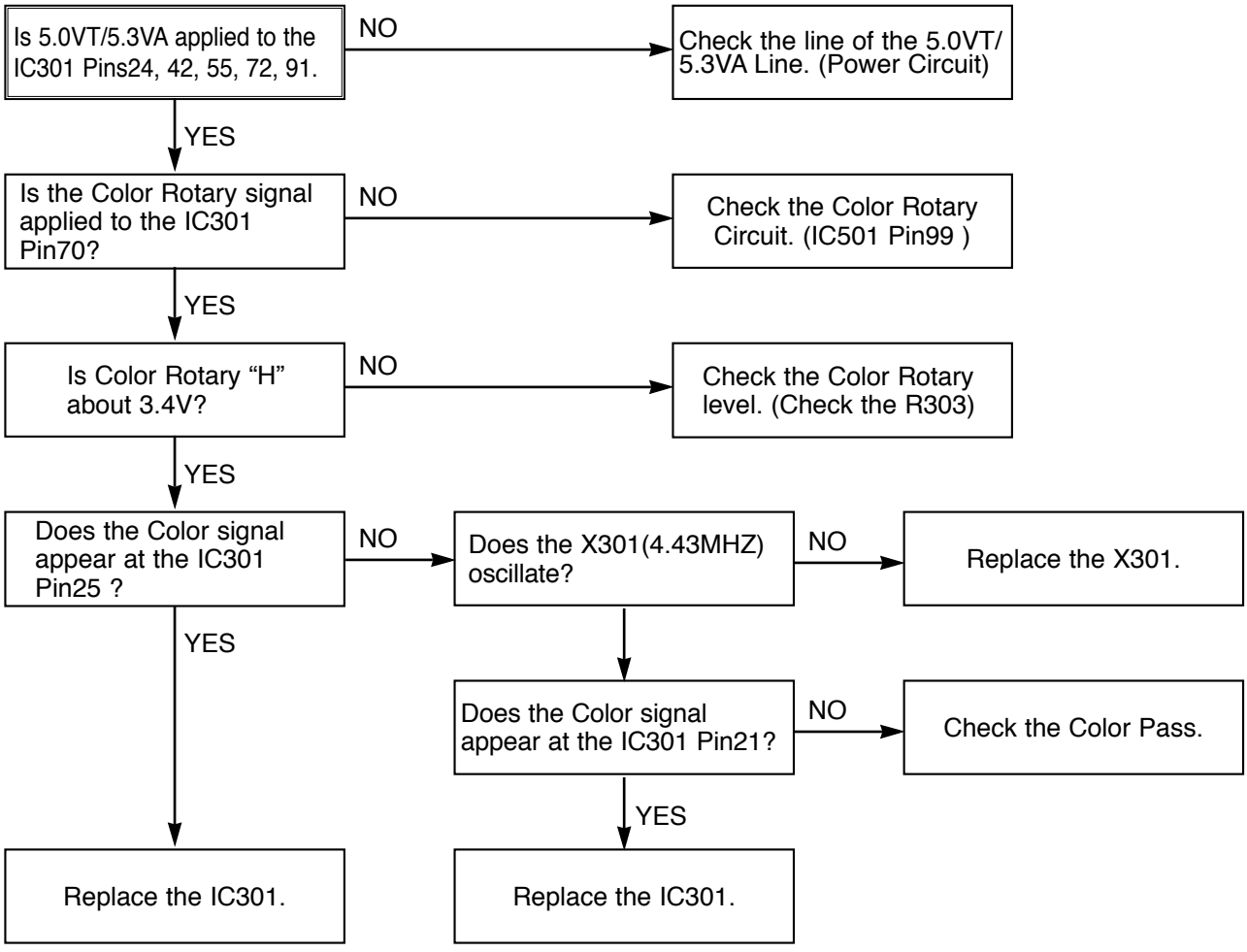
(1) No Video in EE Mode,


No Video in EE Mode
Does the Video signal appear at the IC301 Pin48?
NO
Check the 24Pin of Tuner.
YES
Is 5V applied to the IC301 Pins18, 24, 42, 55, 72, 91?
NO
Check the 5.0VT, 5.3VA Line. (Power Circuit)
YES
Does the Video signal appear at the IC301 Pin65?
NO
Is I²C BUS signal applied to the IC301 Pins68, 69?
NO
Check the System Circuit. (Refer to 'SYSTEM I²C BUS CHECK Trouble Shooting')
YES
YES
Does the Video signal appear at the IC501 Pin19?
NO
Chck the path of the signal between the IC301 Pin65 and IC501 Pin17.
Check C316. (AGC)
YES
YES
Does the Video signal appear at the Emitter terminal of the Q309, IC802 Pin 30?
NO
Does the 12VT, 5.3VA appear at the Emitter terminal of the Q309 IC802 Pin 2, 4.
NO
Replace the IC301.
YES
Replace the Q309, IC802.
Check the 12VT, 5.4VA Line. (Power Circuit)

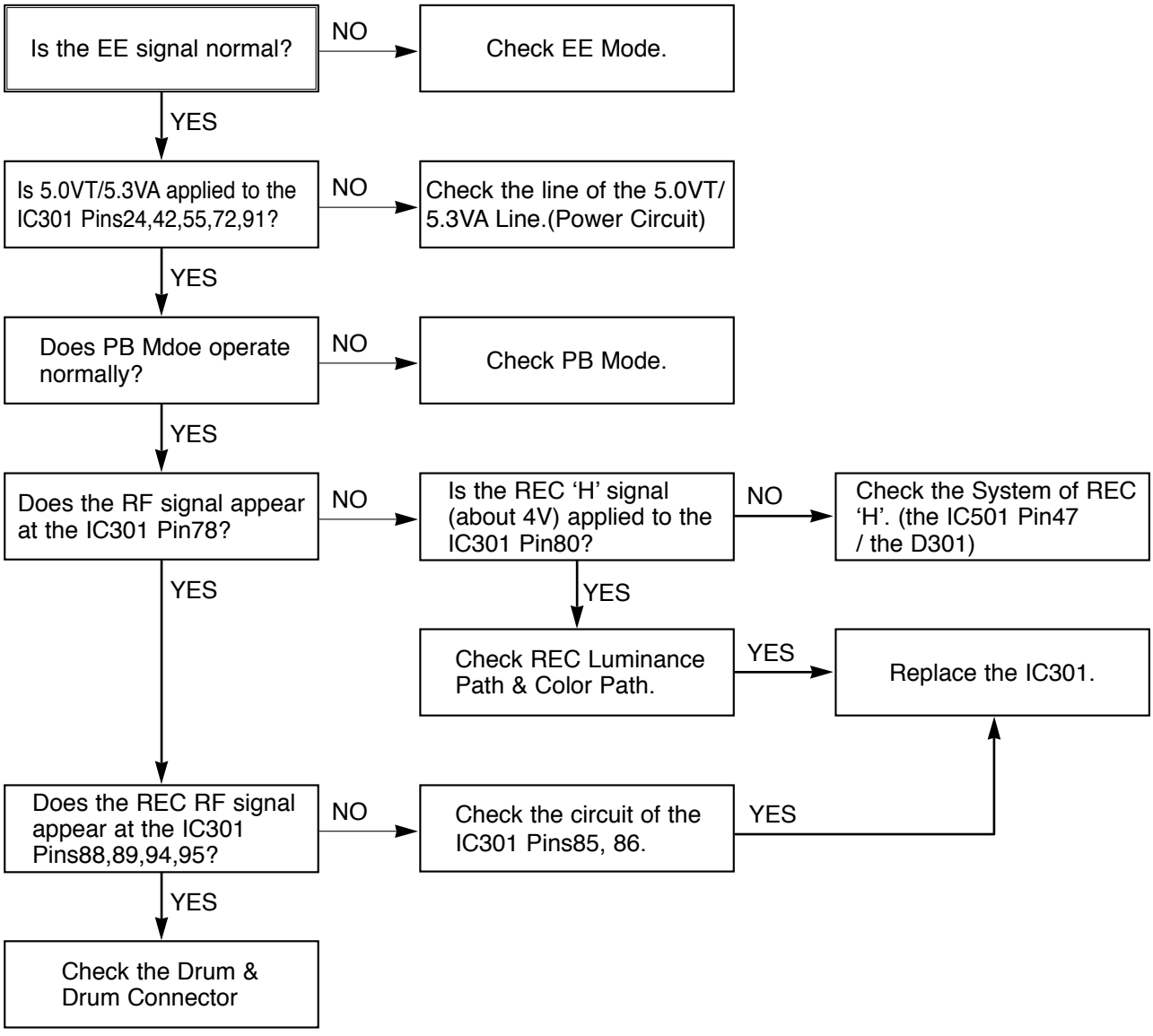
(2) When the Y(Luminance) signal doesn't appear on the screen in PB Mode,


Is 5.0VT, 5.3VA applied to the IC301 Pins24, 42, 55, 72, 91?
NO
Check the line of the 5.0VT, 5.3VA Line. (Power Circuit)
YES
Is the I²C Bus siganl applied to the IC301 Pins68, 69 ?
NO
Refer to 'SYSTEM I²C BUS CHECK Trouble Shooting'.
YES
Does the normal RF signal appear at the IC301 Pin78?
NO
Is the V.H.S/W signal applied to the IC301 Pin70?
NO
Check the System Circuit. (IC501 Pin105)
YES
Is V.H.S/W "H" about 3.4V at the IC301 Pin70?
NO
Check the V.H.S/W level. (Check R303, R304)
YES
Clean the Drum.
NO
Replace the IC301.
YES
Does the Y(Luminance) RF signal appear at the IC301 Pin79?
NO
Check the path of the Y(Luminance) RF signal. (Check the C312)
YES
YES
Is the Y(Luminance) Video waveform showed up at theIC301 Pin43?
NO
Check the path of the Y(Luminance) RF signal. (Check C327)
YES
YES
Replace the IC301.

(3) When the C(Color) signal doesn't appear on the screen in PB Mode,

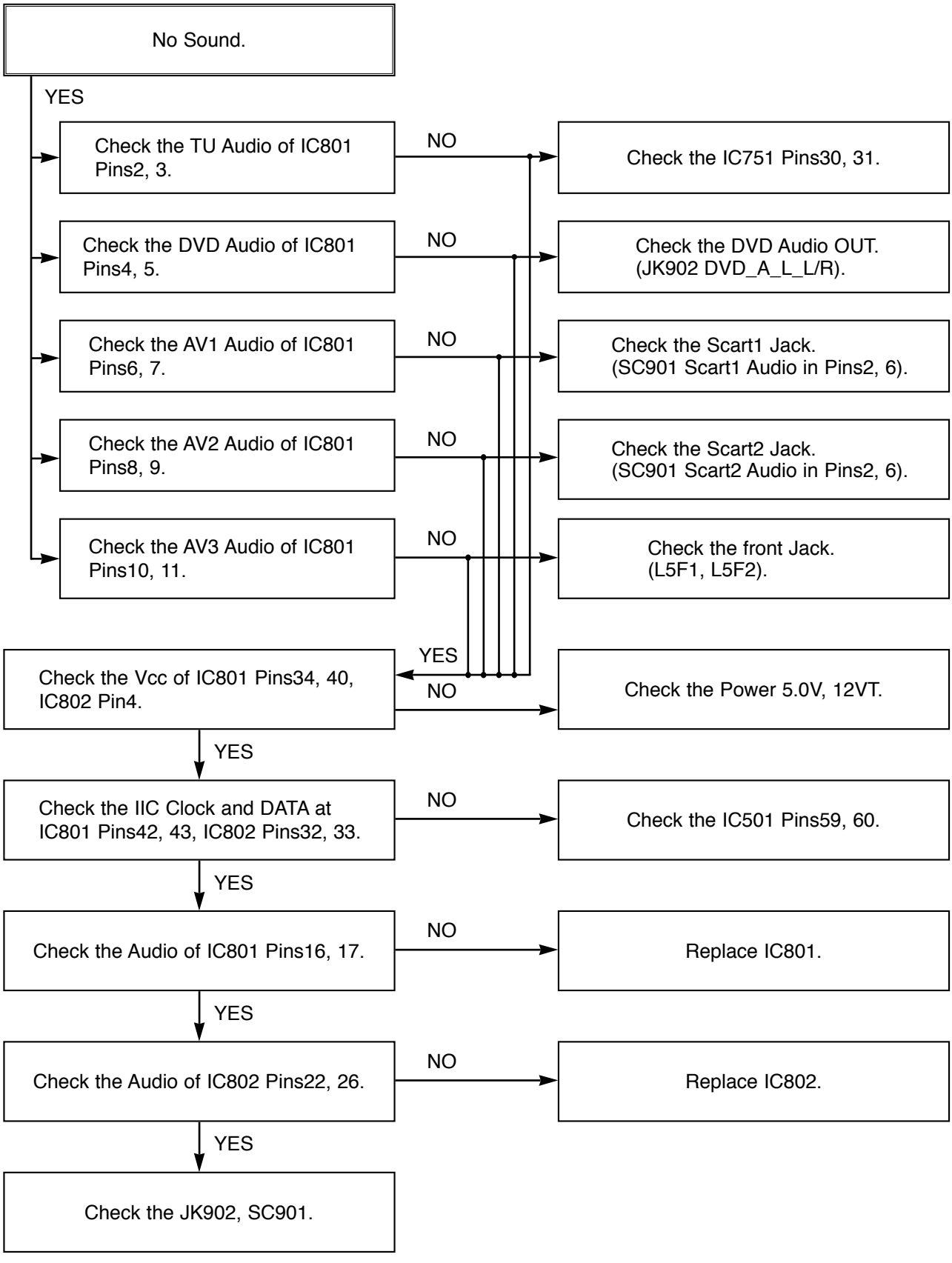

Is 5.0VT/5.3VA applied to the IC301 Pins24, 42, 55, 72, 91.
NO
Check the line of the 5.0VT/ 5.3VA Line. (Power Circuit)
YES
Is the Color Rotary signal applied to the IC301 Pin70?
NO
Check the Color Rotary Circuit. (IC501 Pin99)
YES
Is Color Rotary "H" about 3.4V?
NO
Check the Color Rotary level. (Check the R303)
YES
Does the Color signal appear at the IC301 Pin25 ?
NO
Does the X301(4.43MHZ) oscillate?
NO
Replace the X301.
YES
Does the Color signal appear at the IC301 Pin21?
NO
Check the Color Pass.
YES
Replace the IC301.
Replace the IC301.

(4) When the Video signal doesn't appear on the screen in REC Mode,

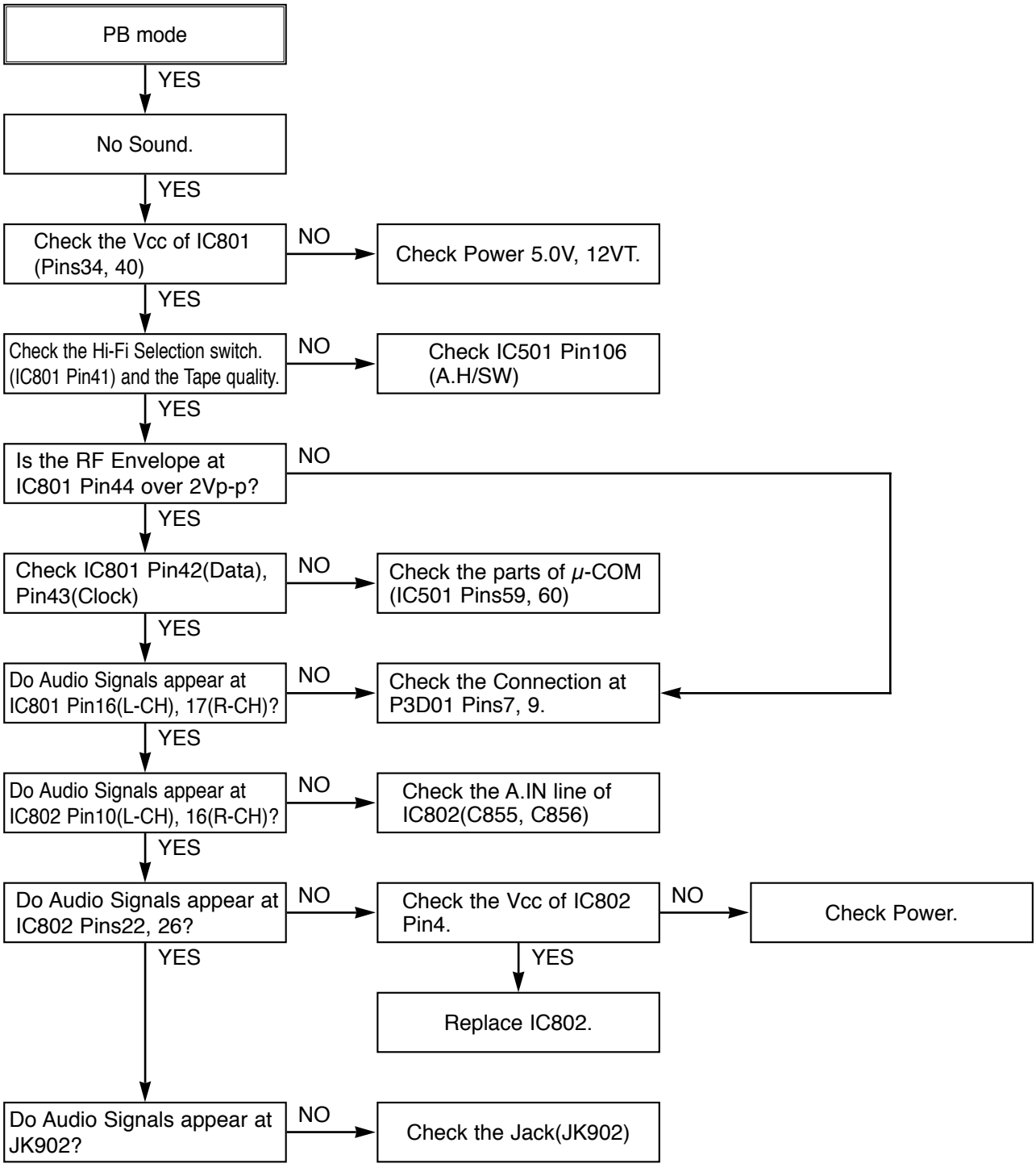

Is the EE signal normal?
NO
Check EE Mode.
YES
Is 5.0VT/5.3VA applied to the IC301 Pins24,42,55,72,91?
NO
Check the line of the 5.0VT/ 5.3VA Line.(Power Circuit)
YES
Does PB Mdoe operate normally?
NO
Check PB Mode.
YES
Does the RF signal appear at the IC301 Pin78?
NO
Is the REC 'H' signal (about 4V) applied to the IC301 Pin80?
NO
Check the System of REC 'H'. (the IC501 Pin47 / the D301)
YES
YES
Check REC Luminance Path & Color Path.
YES
Replace the IC301.
Does the REC RF signal appear at the IC301 Pins88,89,94,95?
NO
Check the circuit of the IC301 Pins85, 86.
YES
YES
Check the Drum & Drum Connector

5. Hi-Fi CIRCUIT

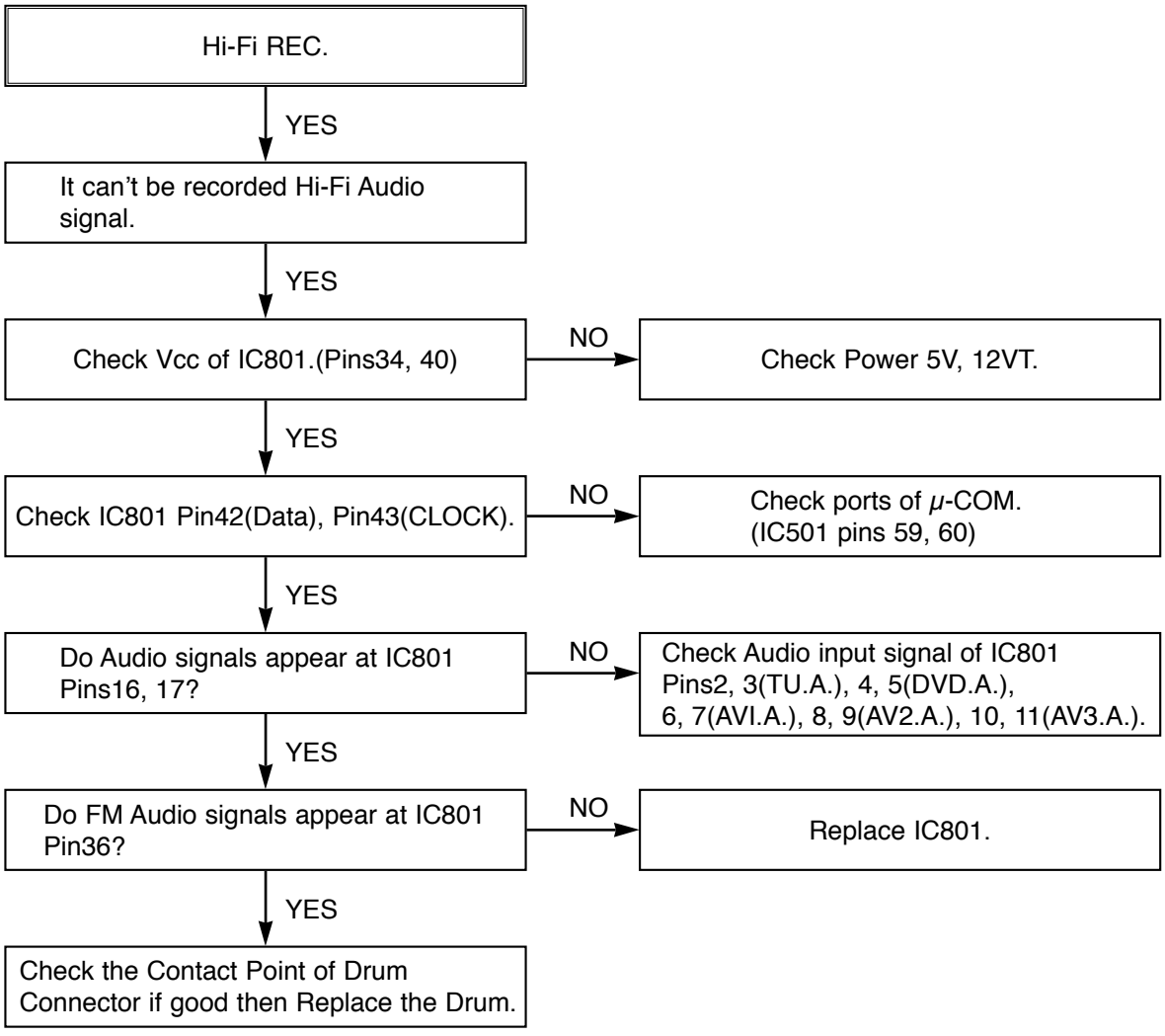
(A) No Sound(EE Mode)


No Sound.
YES
Check the TU Audio of IC801 Pins2, 3.
NO
Check the IC751 Pins30, 31.
Check the DVD Audio of IC801 Pins4, 5.
NO
Check the DVD Audio OUT. (JK902 DVD_A_L_L/R).
Check the AV1 Audio of IC801 Pins6, 7.
NO
Check the Scart1 Jack. (SC901 Scart1 Audio in Pins2, 6).
Check the AV2 Audio of IC801 Pins8, 9.
NO
Check the Scart2 Jack. (SC901 Scart2 Audio in Pins2, 6).
Check the AV3 Audio of IC801 Pins10, 11.
NO
Check the front Jack. (L5F1, L5F2).
YES
Check the Vcc of IC801 Pins34, 40, IC802 Pin4.
NO
Check the Power 5.0V, 12VT.
YES
Check the IIC Clock and DATA at IC801 Pins42, 43, IC802 Pins32, 33.
NO
Check the IC501 Pins59, 60.
YES
Check the Audio of IC801 Pins16, 17.
NO
Replace IC801.
YES
Check the Audio of IC802 Pins22, 26.
NO
Replace IC802.
YES
Check the JK902, SC901.

(B) Hi-Fi Playback

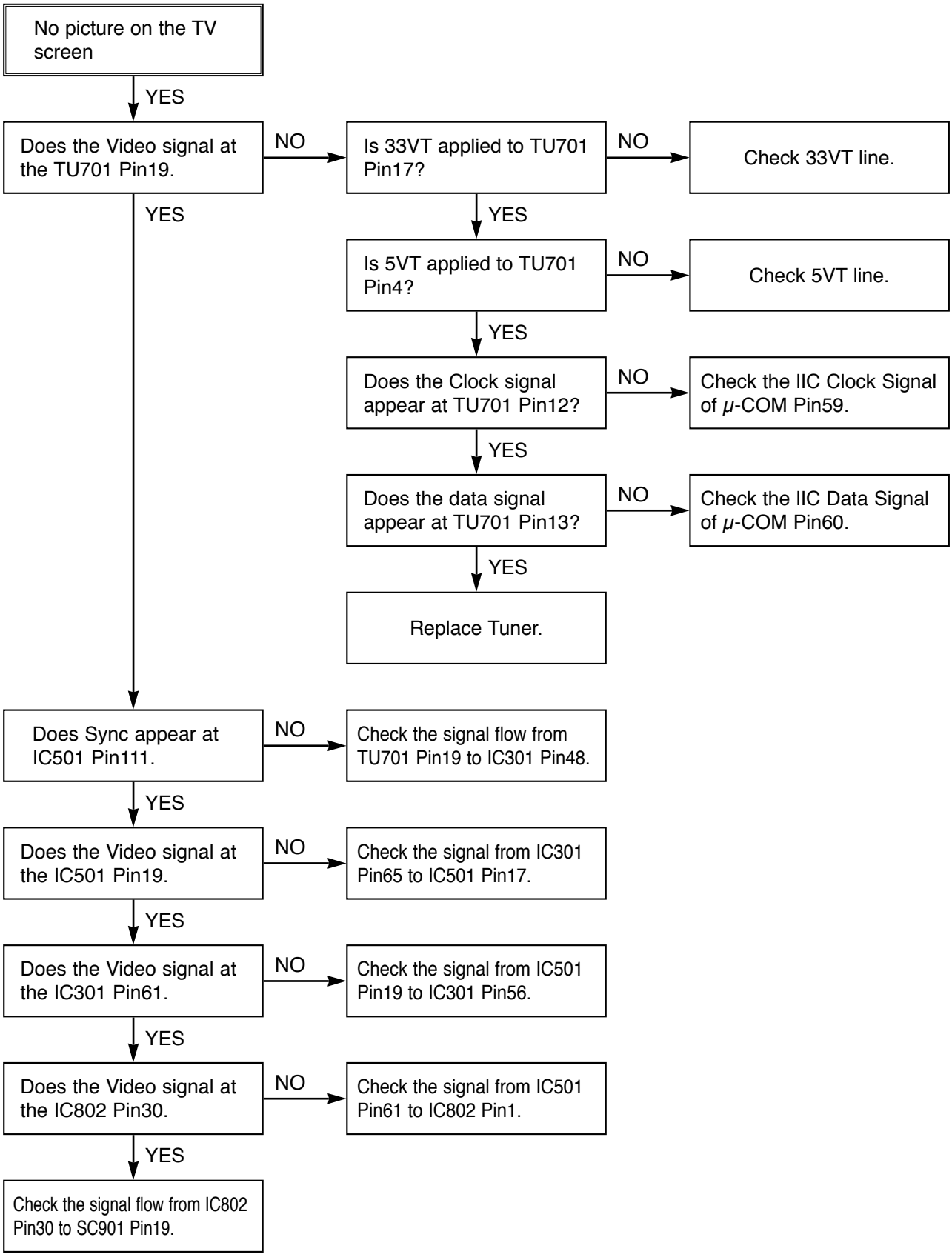


(C)

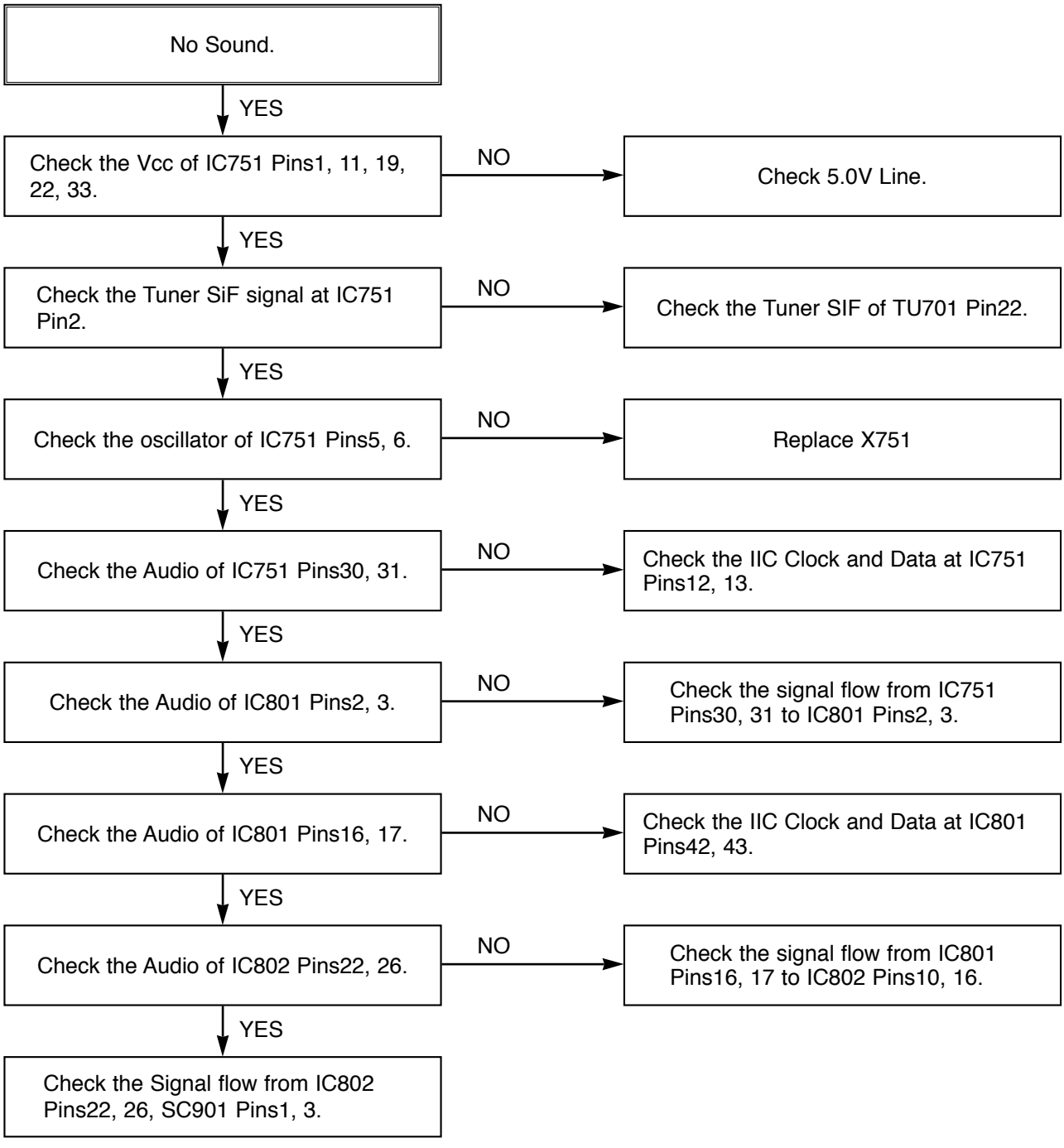

Hi-Fi REC.
YES
It can't be recorded Hi-Fi Audio signal.
YES
Check Vcc of IC801.(Pins34, 40)
NO
Check Power 5V, 12VT.
YES
Check IC801 Pin42(Data), Pin43(CLOCK).
NO
Check ports of μ-COM. (IC501 pins 59, 60)
YES
Do Audio signals appear at IC801 Pins16, 17?
NO
Check Audio input signal of IC801 Pins2, 3(TU.A.), 4, 5(DVD.A.), 6, 7(AVI.A.), 8, 9(AV2.A.), 10, 11(AV3.A.).
YES
Do FM Audio signals appear at IC801 Pin36?
NO
Replace IC801.
YES
Check the Contact Point of Drum Connector if good then Replace the Drum.

6. Tuner/IF CIRCUIT

(A) No Picture on the TV screen


No picture on the TV screen
YES
Does the Video signal at the TU701 Pin19.
NO
Is 33VT applied to TU701 Pin17?
NO
Check 33VT line.
YES
YES
Is 5VT applied to TU701 Pin4?
NO
Check 5VT line.
YES
Does the Clock signal appear at TU701 Pin12?
NO
Check the IIC Clock Signal of μ-COM Pin59.
YES
Does the data signal appear at TU701 Pin13?
NO
Check the IIC Data Signal of μ-COM Pin60.
YES
Replace Tuner.
Does Sync appear at IC501 Pin111.
NO
Check the signal flow from TU701 Pin19 to IC301 Pin48.
YES
Does the Video signal at the IC501 Pin19.
NO
Check the signal from IC301 Pin65 to IC501 Pin17.
YES
Does the Video signal at the IC301 Pin61.
NO
Check the signal from IC501 Pin19 to IC301 Pin56.
YES
Does the Video signal at the IC802 Pin30.
NO
Check the signal from IC501 Pin61 to IC802 Pin1.
YES
Check the signal flow from IC802 Pin30 to SC901 Pin19.

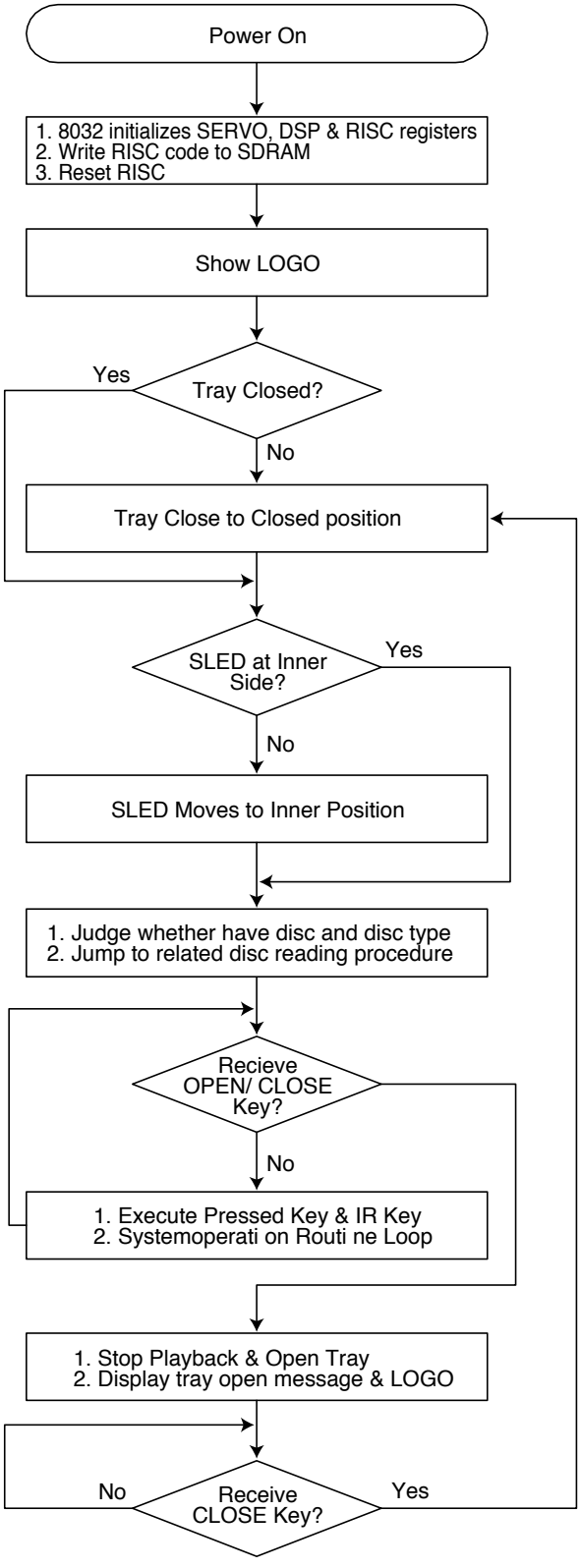
(B) No Sound


No Sound.
YES
Check the Vcc of IC751 Pins1, 11, 19, 22, 33.
NO
Check 5.0V Line.
YES
Check the Tuner SiF signal at IC751 Pin2.
NO
Check the Tuner SIF of TU701 Pin22.
YES
Check the oscillator of IC751 Pins5, 6.
NO
Replace X751
YES
Check the Audio of IC751 Pins30, 31.
NO
Check the IIC Clock and Data at IC751 Pins12, 13.
YES
Check the Audio of IC801 Pins2, 3.
NO
Check the signal flow from IC751 Pins30, 31 to IC801 Pins2, 3.
YES
Check the Audio of IC801 Pins16, 17.
NO
Check the IIC Clock and Data at IC801 Pins42, 43.
YES
Check the Audio of IC802 Pins22, 26.
NO
Check the signal flow from IC801 Pins16, 17 to IC802 Pins10, 16.
YES
Check the Signal flow from IC802 Pins22, 26, SC901 Pins1, 3.

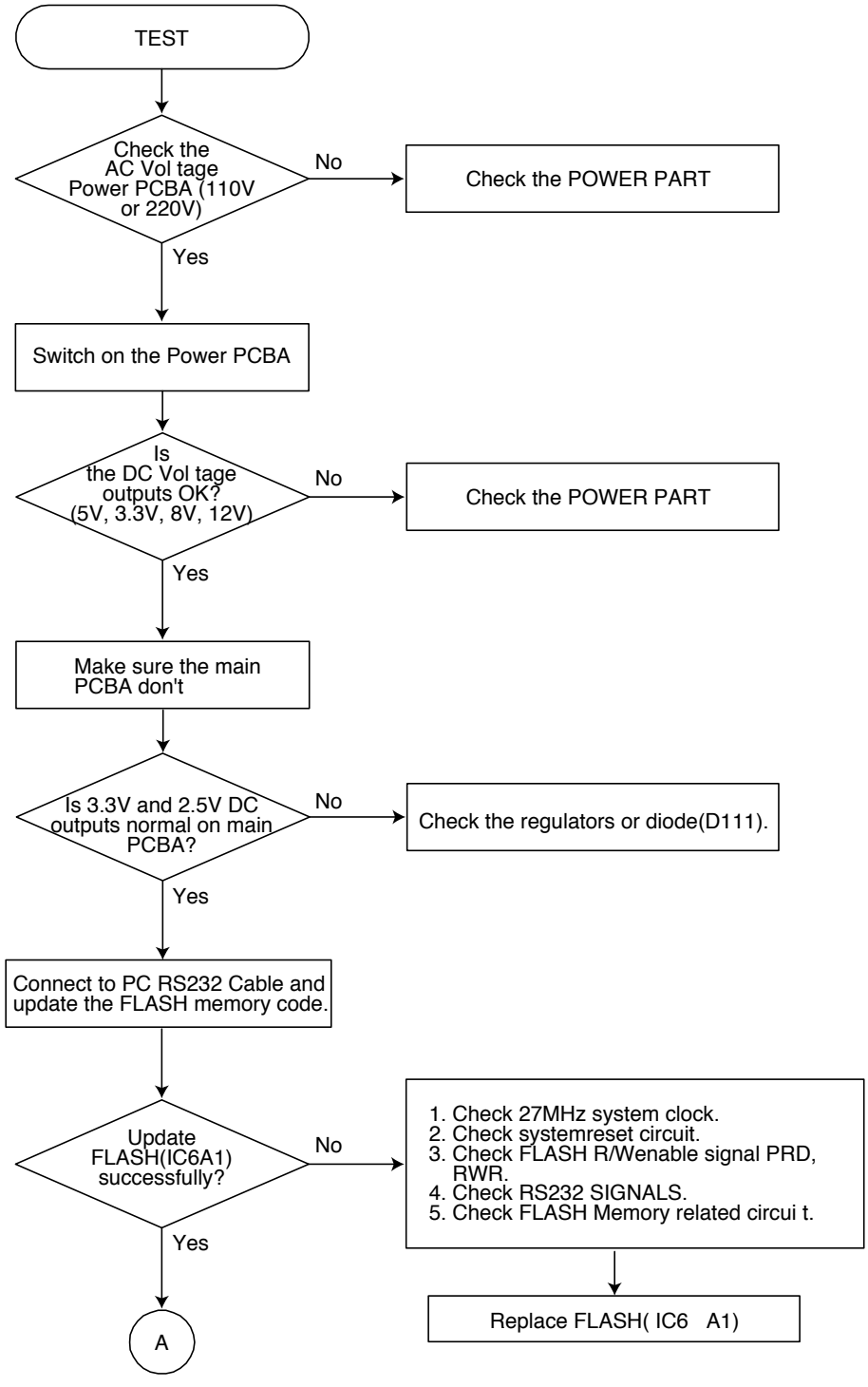
MEMO

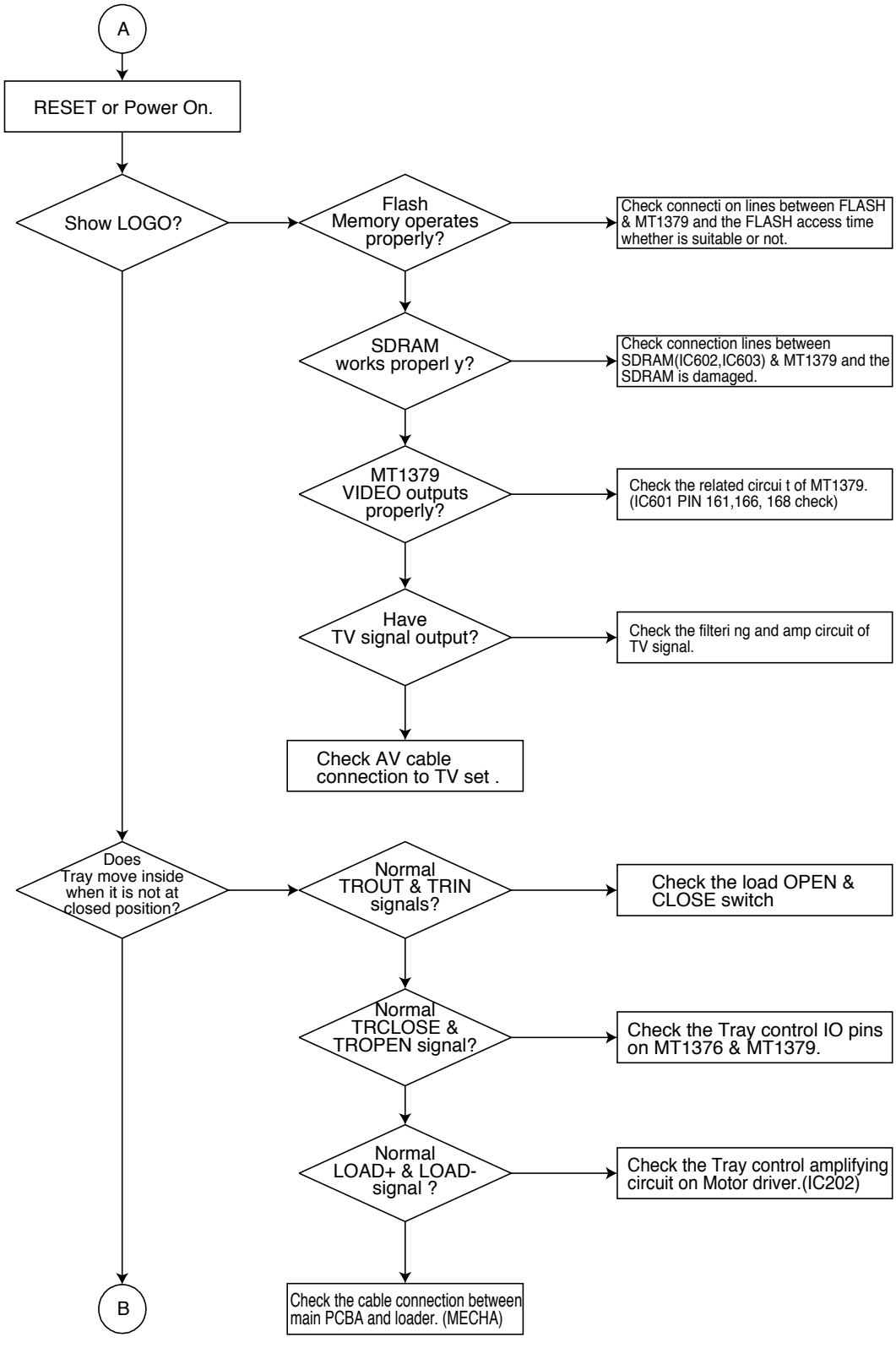
DVD PART
ELECTRICAL TROUBLESHOOTING GUIDE

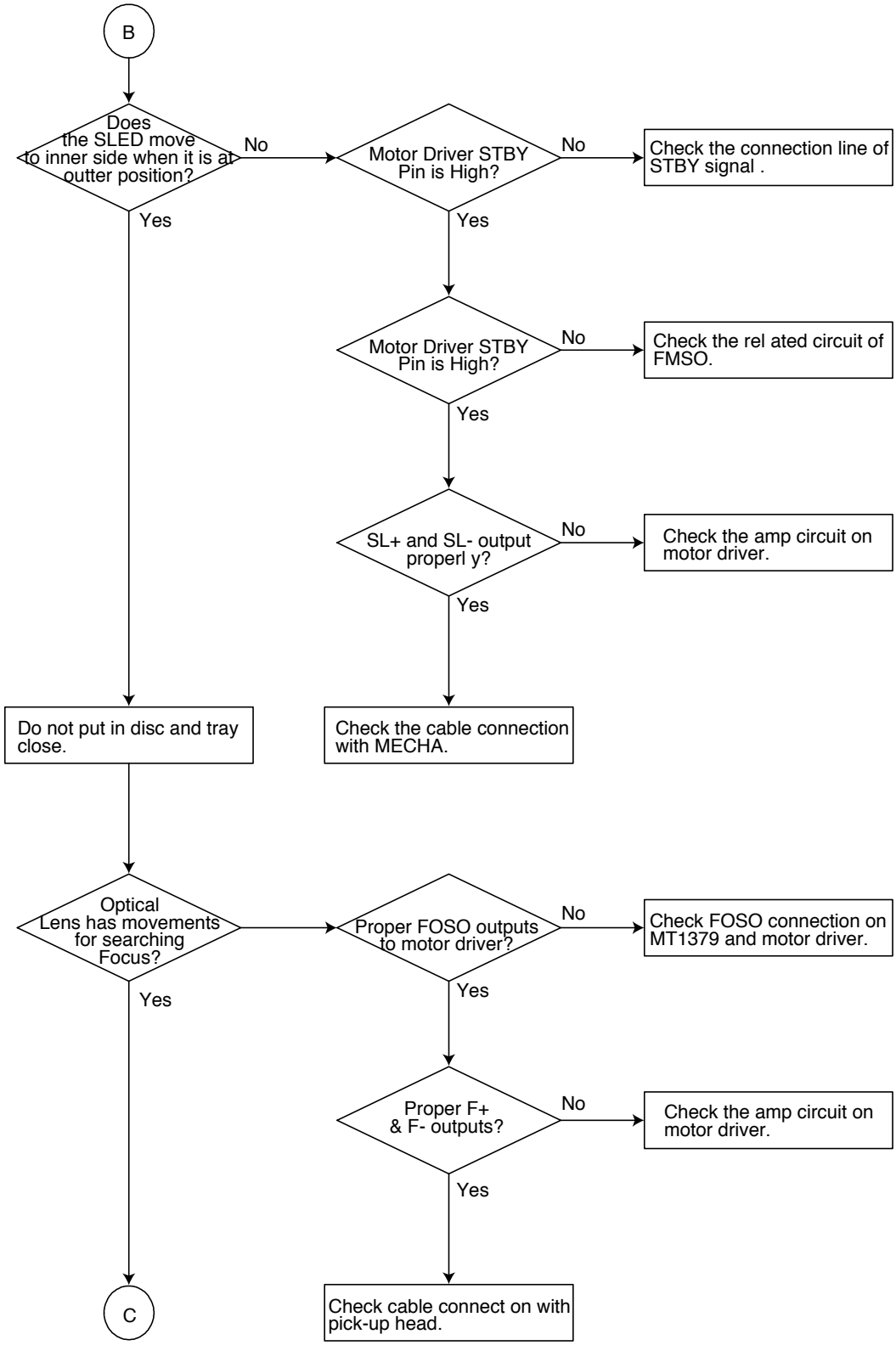
1. System operation flow

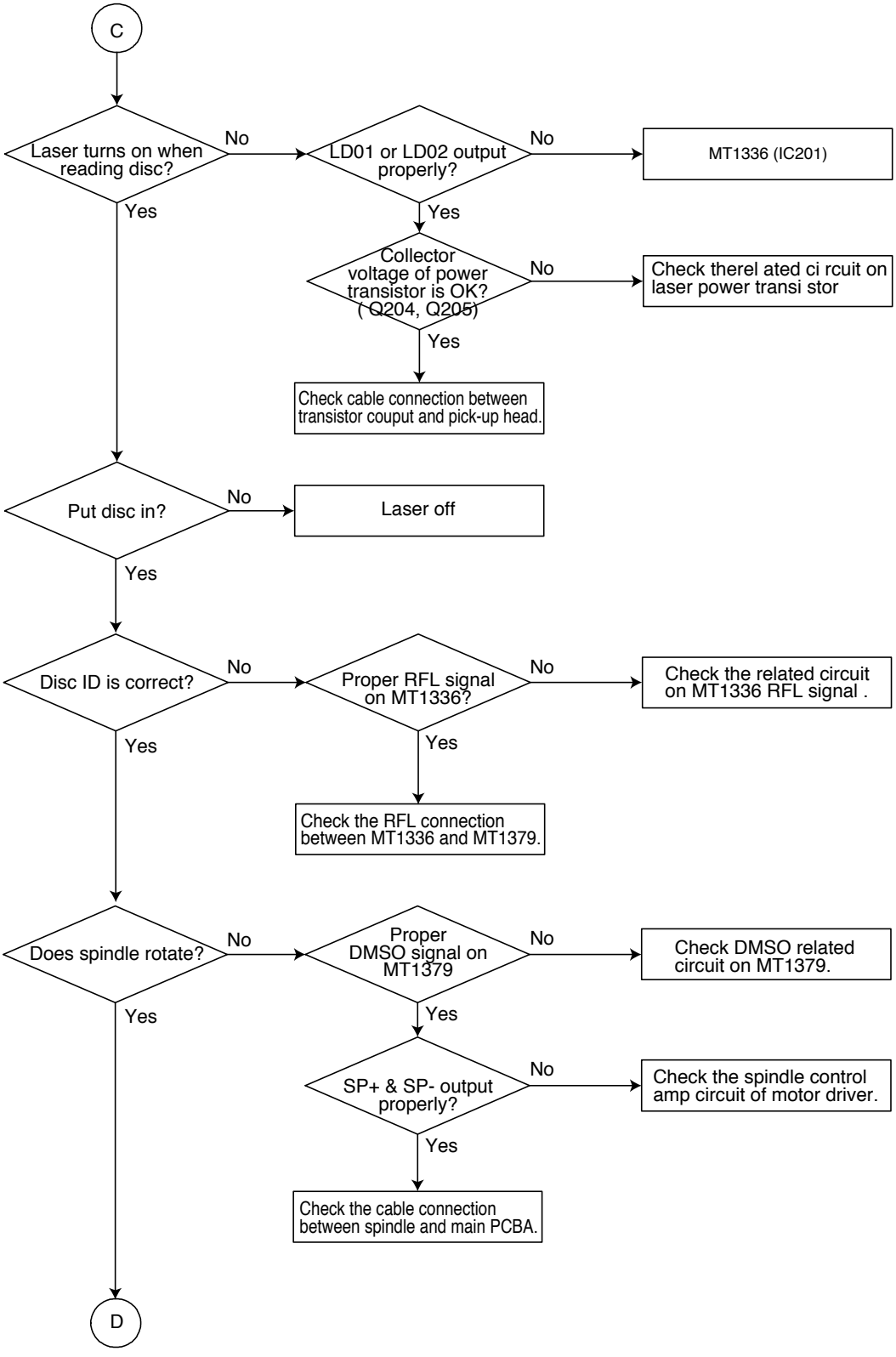


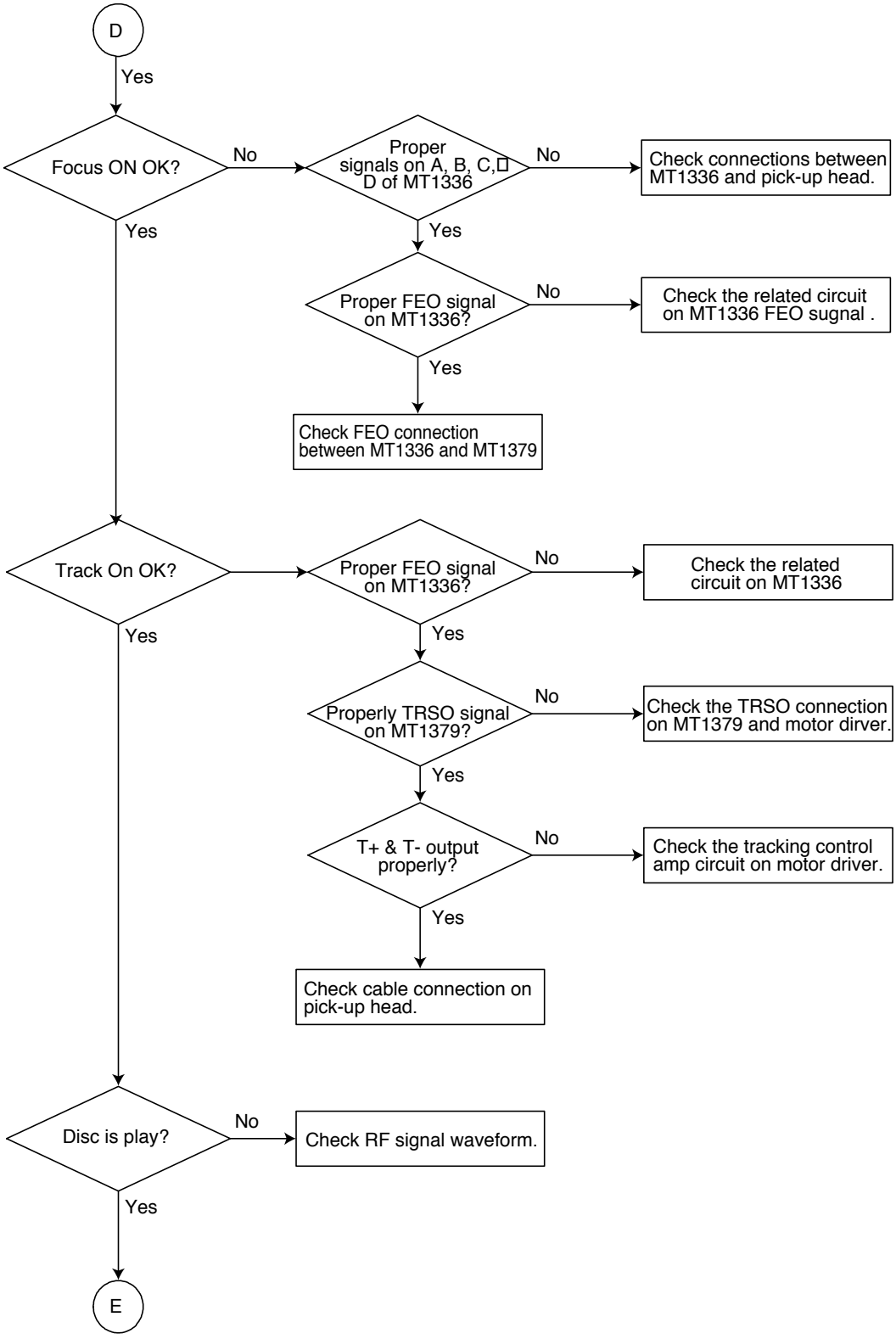
2. Test & debug flow

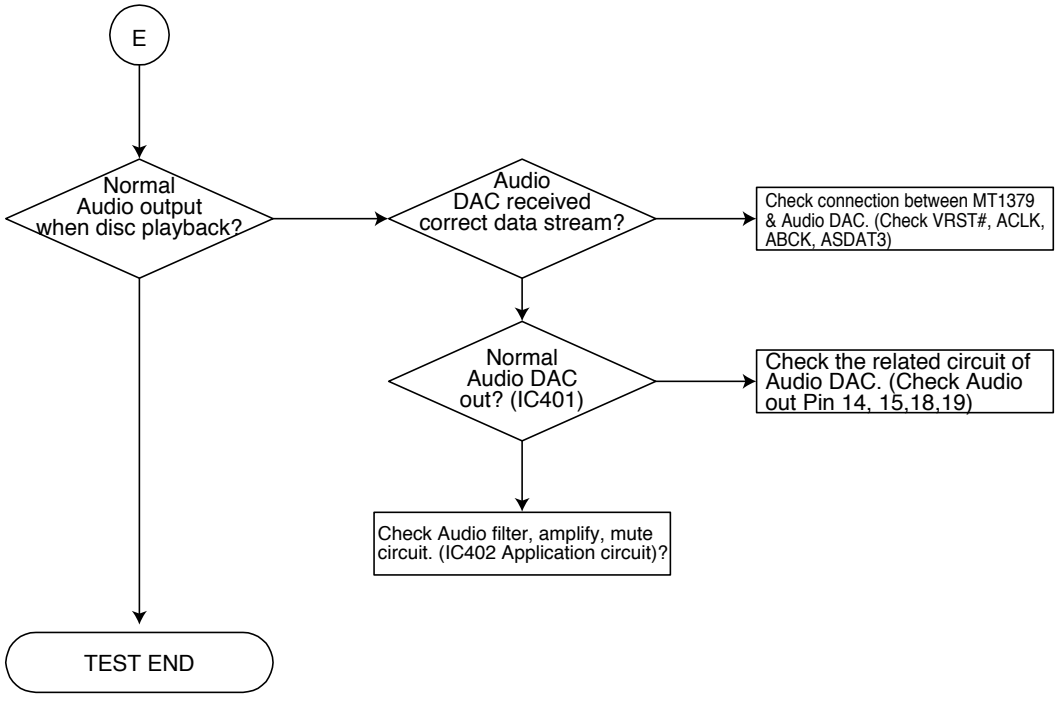

TEST
Check the AC Vol tage Power PCBA (110V or 220V)
No
Check the POWER PART
Yes
Switch on the Power PCBA
Is the DC Vol tage outputs OK? (5V, 3.3V, 8V, 12V)
No
Check the POWER PART
Yes
Make sure the main PCBA don't
Is 3.3V and 2.5V DC outputs normal on main PCBA?
No
Check the regulators or diode(D111).
Yes
Connect to PC RS232 Cable and update the FLASH memory code.
Update FLASH(IC6A1) successfully?
No
1. Check 27MHz system clock.
2. Check systemreset circuit.
3. Check FLASH R/Wenable signal PRD, RWR.
4. Check RS232 SIGNALS.
5. Check FLASH Memory related circui t.
Replace FLASH(IC6 A1)
Yes
A


A
RESET or Power On.
Show LOGO?
Flash Memory operates properly?
Check connecti on lines between FLASH & MT1379 and the FLASH access time whether is suitable or not.
SDRAM works properl y?
Check connection lines between SDRAM(IC602,IC603) & MT1379 and the SDRAM is damaged.
MT1379 VIDEO outputs properly?
Check the related circui t of MT1379. (IC601 PIN 161,166, 168 check)
Have TV signal output?
Check the filteri ng and amp circuit of TV signal.
Check AV cable connection to TV set .
Does Tray move inside when it is not at closed position?
Normal TROUT & TRIN signals?
Check the load OPEN & CLOSE switch
Normal TRCLOSE & TROPEN signal?
Check the Tray control IO pins on MT1376 & MT1379.
Normal LOAD+ & LOAD- signal ?
Check the Tray control amplifying circuit on Motor driver.(IC202)
Check the cable connection between main PCBA and loader. (MECHA)
B


B
Does the SLED move to inner side when it is at outter position?
No
Yes
Motor Driver STBY Pin is High?
No
Check the connection line of STBY signal .
Yes
Motor Driver STBY Pin is High?
No
Check the rel ated circuit of FMSO.
Yes
SL+ and SL- output properl y?
No
Check the amp circuit on motor driver.
Yes
Do not put in disc and tray close.
Check the cable connection with MECHA.
Optical Lens has movements for searching Focus?
Proper FOSO outputs to motor driver?
No
Check FOSO connection on MT1379 and motor driver.
Yes
Yes
Proper F+ & F- outputs?
No
Check the amp circuit on motor driver.
Yes
C
Check cable connect on with pick-up head.


C
Laser turns on when reading disc?
No
LD01 or LD02 output properly?
No
MT1336 (IC201)
Yes
Yes
Collector voltage of power transistor is OK? (Q204, Q205)
No
Check therel ated ci rcuit on laser power transi stor
Yes
Check cable connection between transistor couput and pick-up head.
Put disc in?
No
Laser off
Yes
Disc ID is correct?
No
Proper RFL signal on MT1336?
No
Check the related circuit on MT1336 RFL signal .
Yes
Yes
Check the RFL connection between MT1336 and MT1379.
Does spindle rotate?
No
Proper DMSO signal on MT1379
No
Check DMSO related circuit on MT1379.
Yes
Yes
SP+ & SP- output properly?
No
Check the spindle control amp circuit of motor driver.
Yes
Check the cable connection between spindle and main PCBA.
D


D
Yes
Focus ON OK?
No
Proper signals on A, B, C, D of MT1336
No
Check connections between MT1336 and pick-up head.
Yes
Yes
Proper FEO signal on MT1336?
No
Check the related circuit on MT1336 FEO sugnal .
Yes
Check FEO connection between MT1336 and MT1379
Track On OK?
Proper FEO signal on MT1336?
No
Check the related circuit on MT1336
Yes
Yes
Properly TRSO signal on MT1379?
No
Check the TRSO connection on MT1379 and motor dirver.
Yes
T+ & T- output properly?
No
Check the tracking control amp circuit on motor driver.
Yes
Check cable connection on pick-up head.
Disc is play?
No
Check RF signal waveform.
Yes
E


E
Normal
Audio output
when disc playback?
Audio
DAC received
correct data stream?
Check connection between MT1379
& Audio DAC. (Check VRST#, ACLK,
ABCK, ASDAT3)
Normal
Audio DAC
out? (IC401)
Check the related circuit of
Audio DAC. (Check Audio
out Pin 14, 15,18,19)
Check Audio filter, amplify, mute
circuit. (IC402 Application circuit)?
TEST END

DETAILS AND WAVEFORMS ON SYSTEM TEST AND DEBUGGING

1. SYSTEM 27MHz CLOCK,RESET,FLASH R/W SIGNAL

1) MT1379 main clock is at 27MHz(X501)

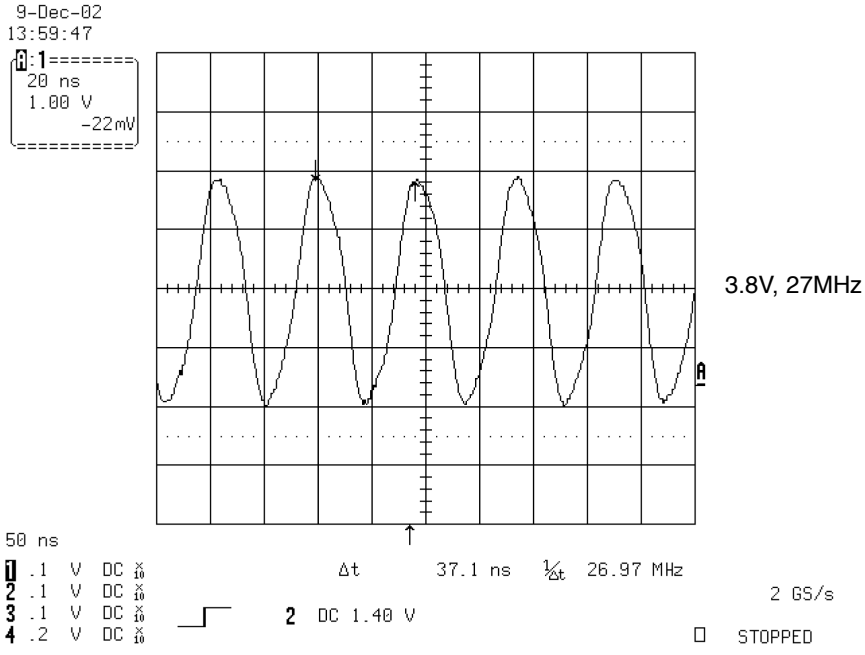


FIG 1-1

2) MT1379 & MT1336 reset is high active.

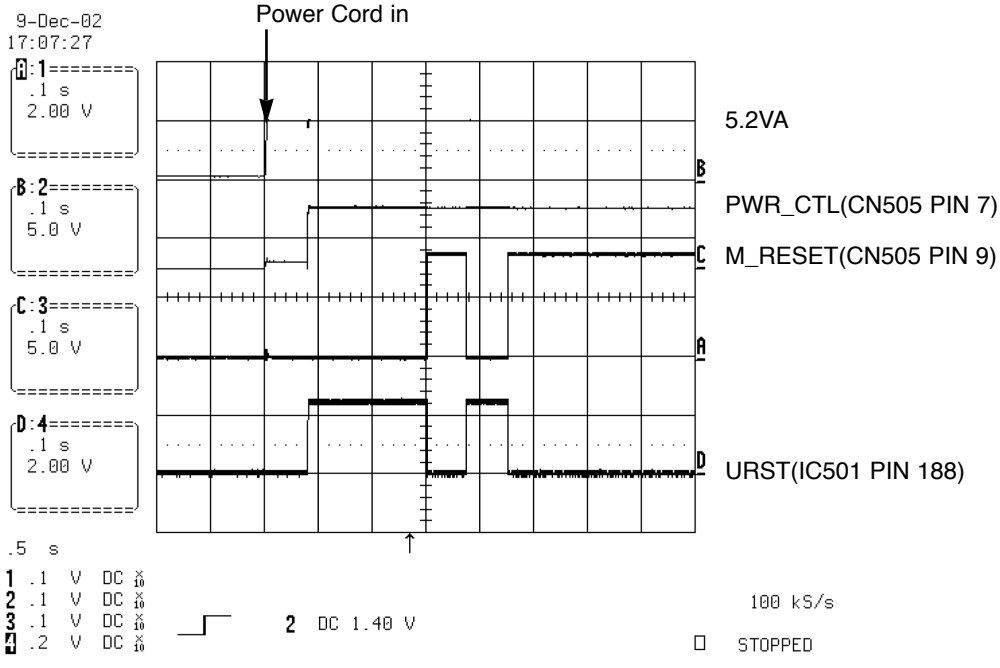


FIG 1-2

3) RS232 waveform during procedure(Downloading)

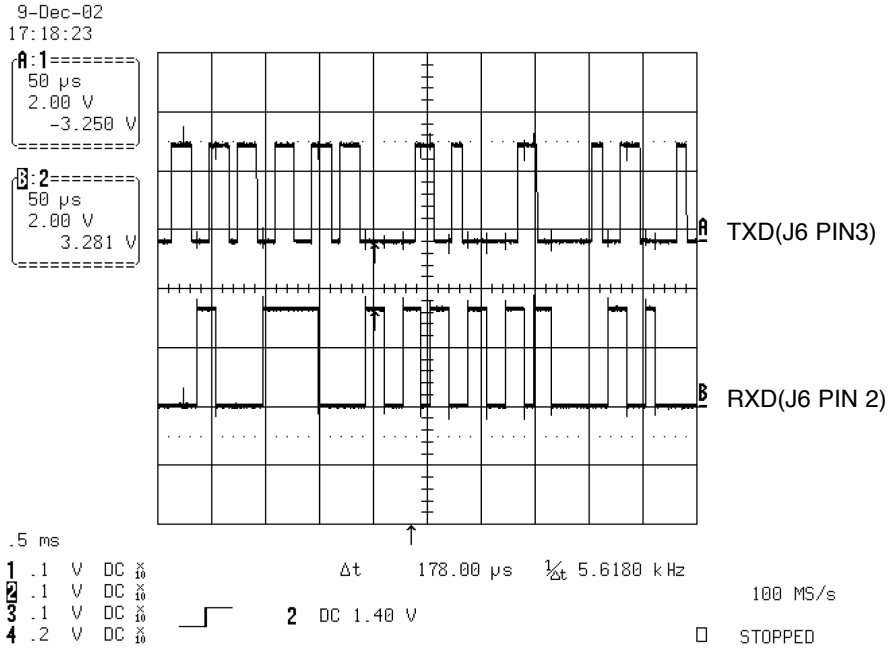


FIG 1-3

4) Flash R/W enable signal during download(Downloading)

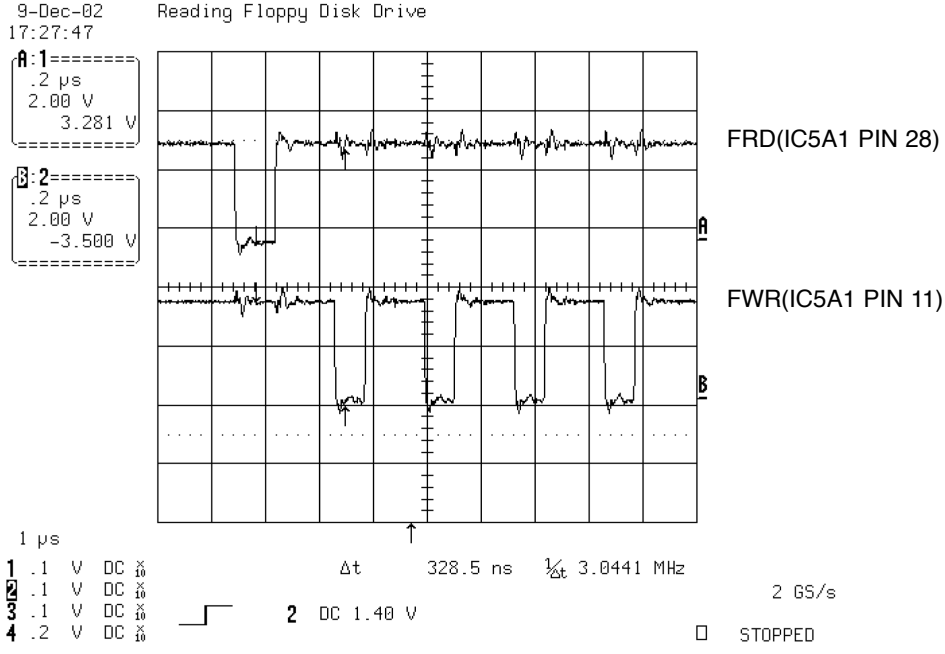


FIG 1-4

2. SDRAM CLOCK

1) MT1379 main clock is at 27MHz(X501)

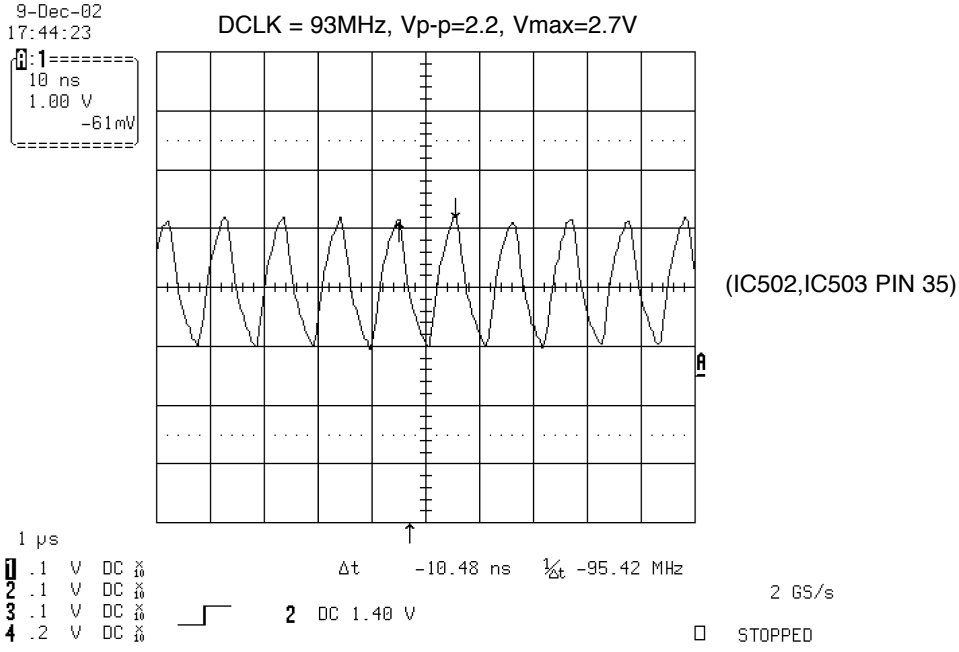


FIG 2-1

3. TRAY OPEN/CLOSE SIGNAL

1) Tray open/close waveform

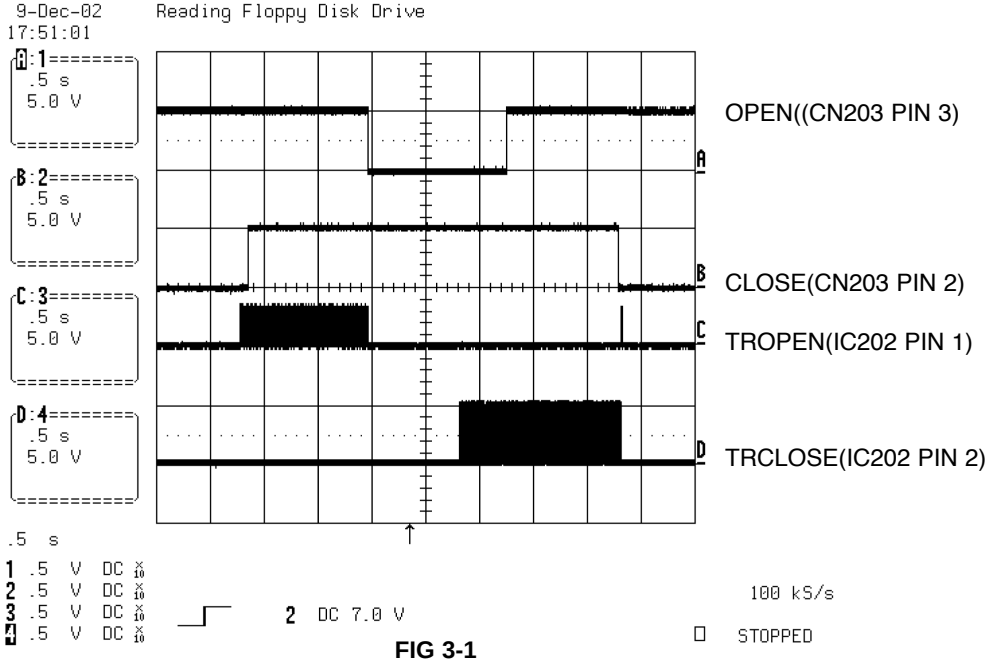


FIG 3-1

2) Tray close waveform

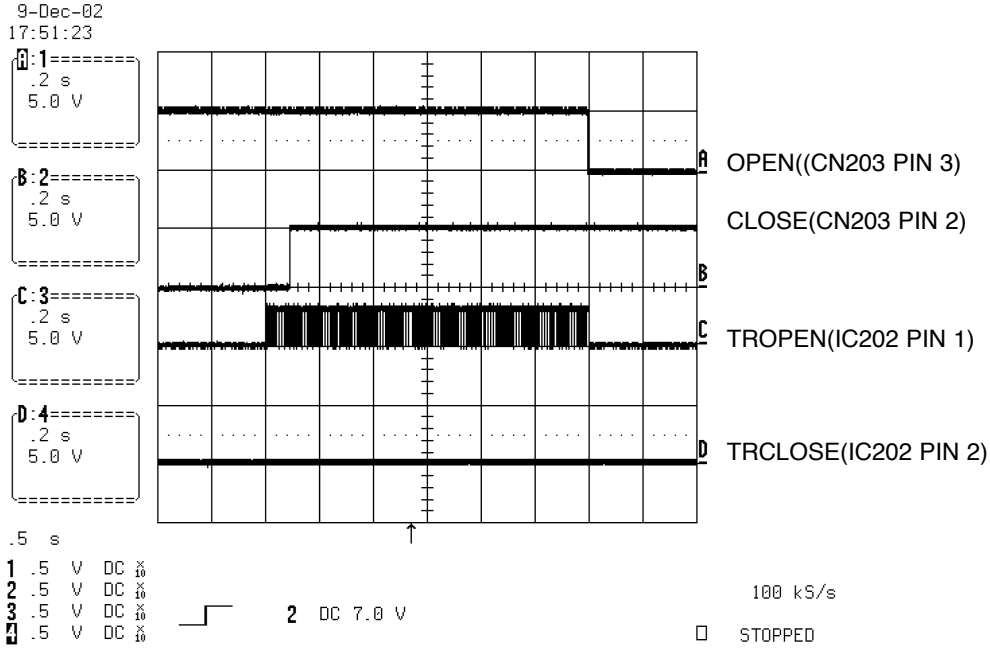


FIG 3-2

3) Tray open waveform

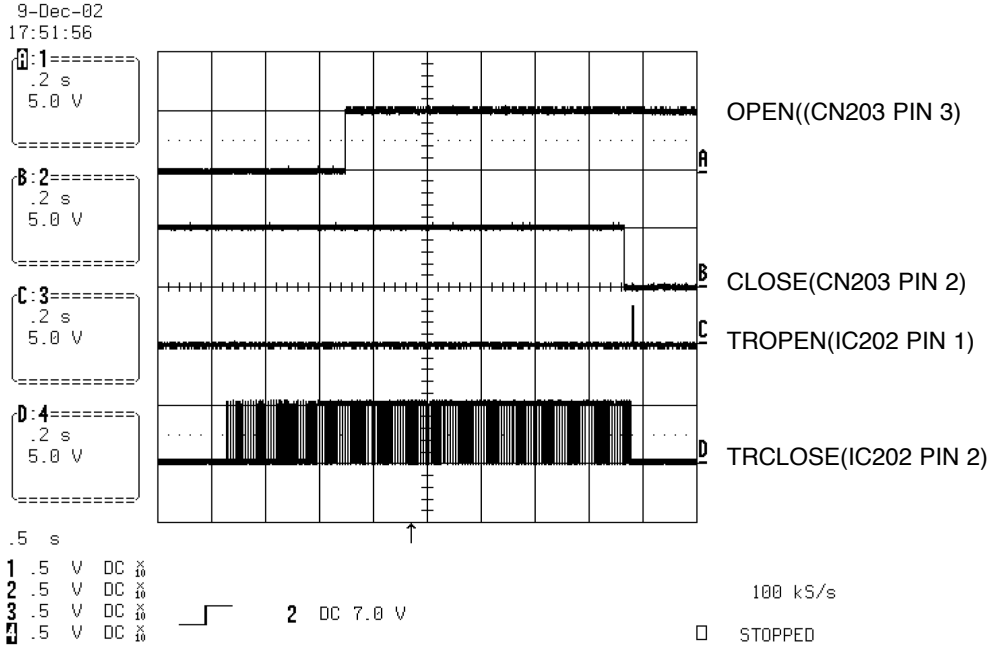
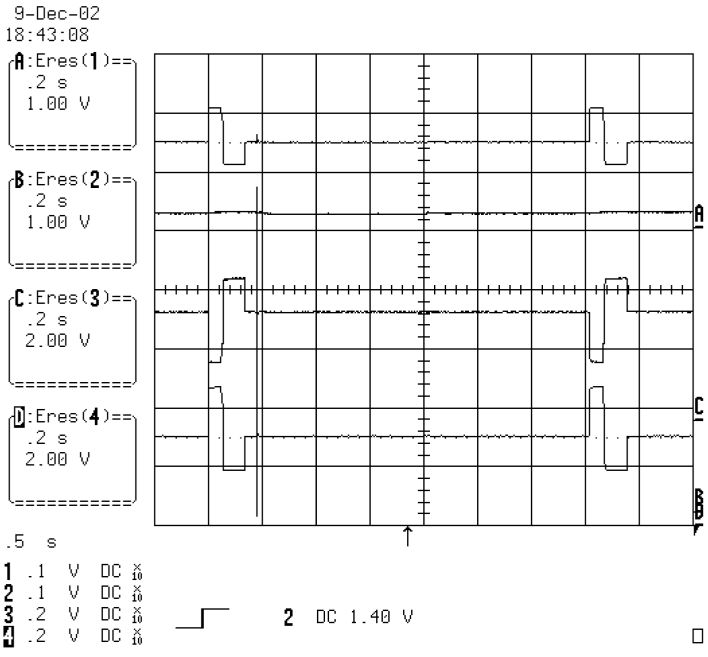


FIG 3-3

4. SLED CONTROL RELATED SIGNAL (NO DISC CONDITION)



FMSO(2.0V/1.4V/1.0V)
(IC501 PIN 19)

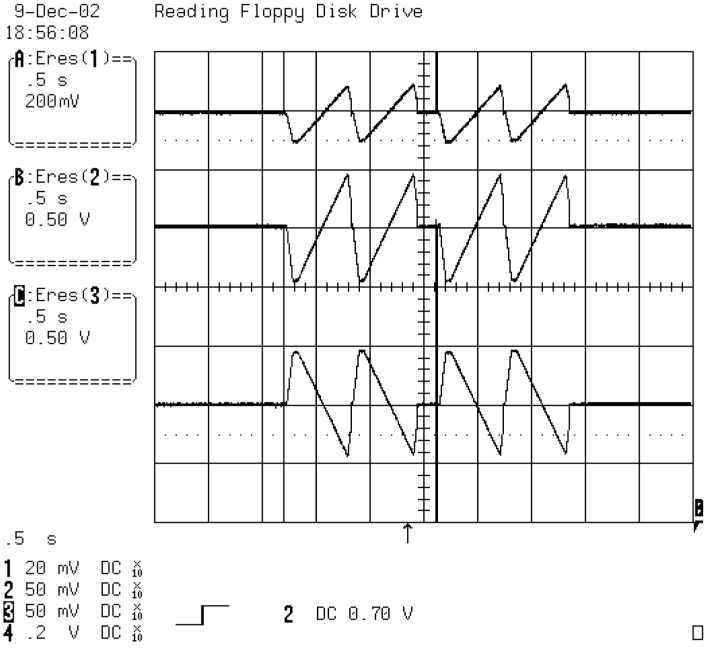
STBY(5V) – (IC201 PIN 50)

SL+(4.7V/3.6V/1.9V)
(IC202 PIN 12)

SL-(5.3V/3.7V/2.5V)
(IC202 PIN 13)

FIG 4-1

5. LENS CONTROL RELATED SIGNAL(NO DISC CONDITION)



FOSO(1.5V/1.4V/1.3V)
(IC501 PIN 12)

F+(4.0V/3.6V/3.2V)
(IC202 PIN 9)

F-(4.0V/3.6V/3.2V)
(IC202 PIN 8)

FIG 5-1

6. LASER POWER CONTROL RELATED SIGNAL(NO DISC CONDITION)

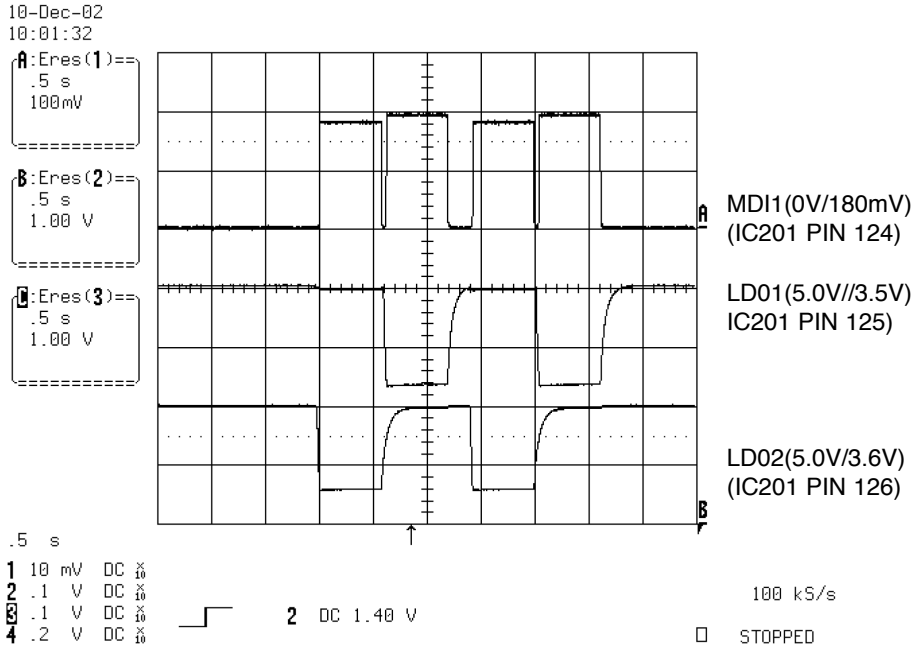


FIG 6-1

7. DISC TYPE JUDGEMENT WAVEFORM

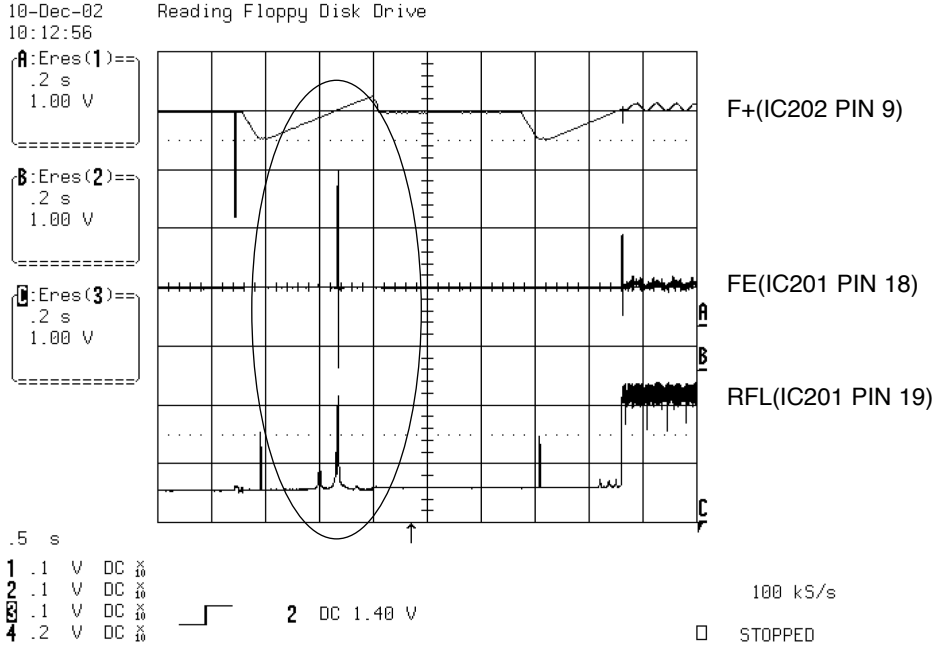


FIG 7-1 (DVD)

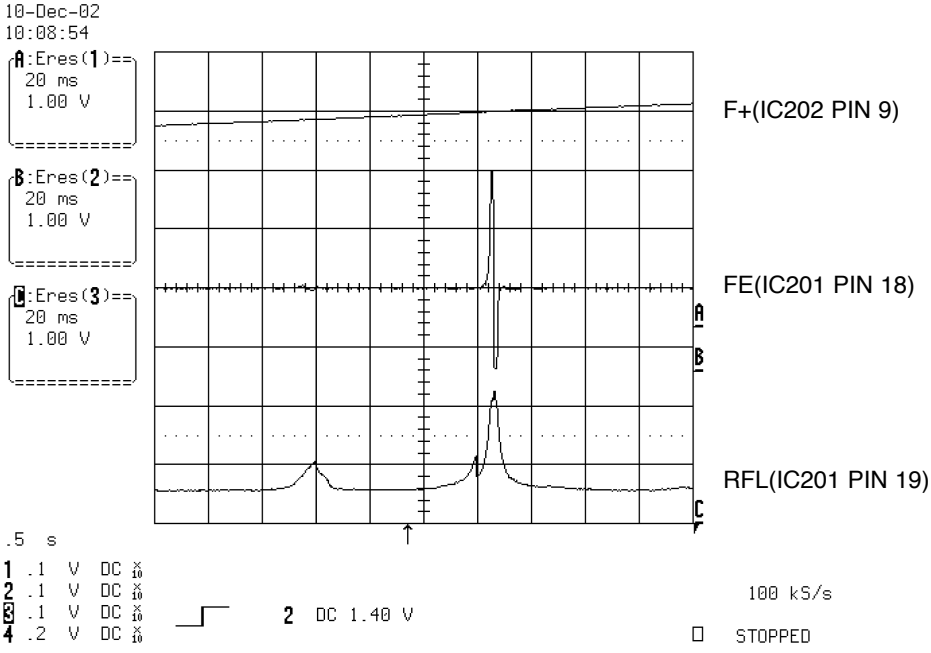


FIG 7-2 (DVD)

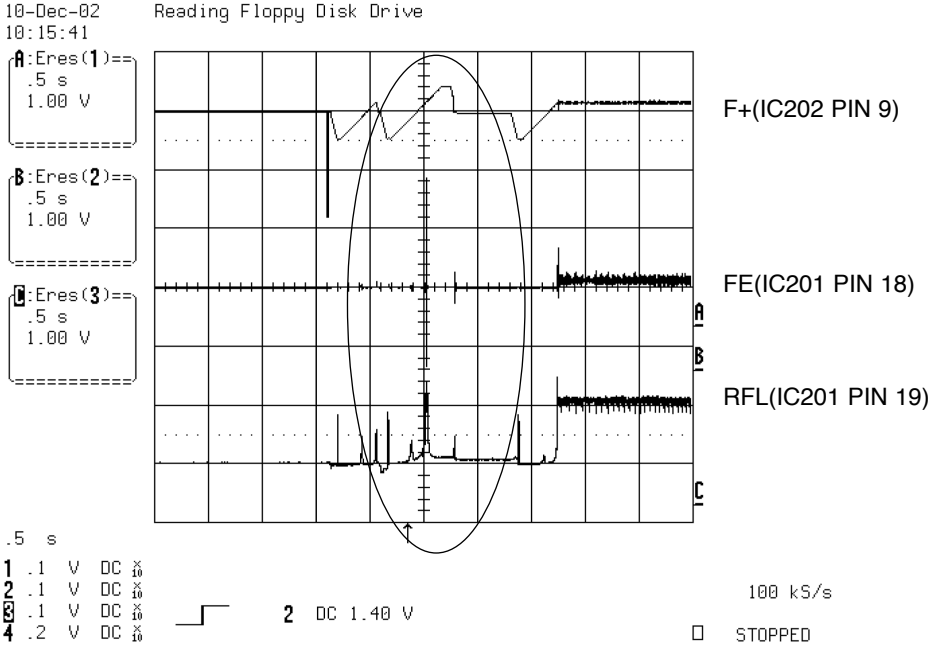


FIG 7-3 (CD)

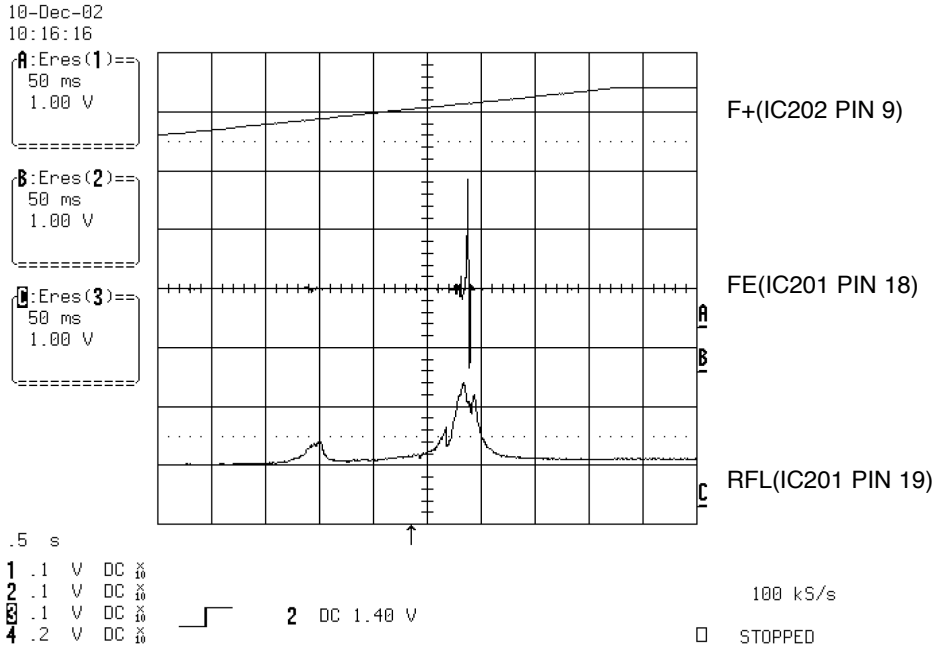


FIG 7-4 (CD)

8. FOCUS ON WAVEFORM

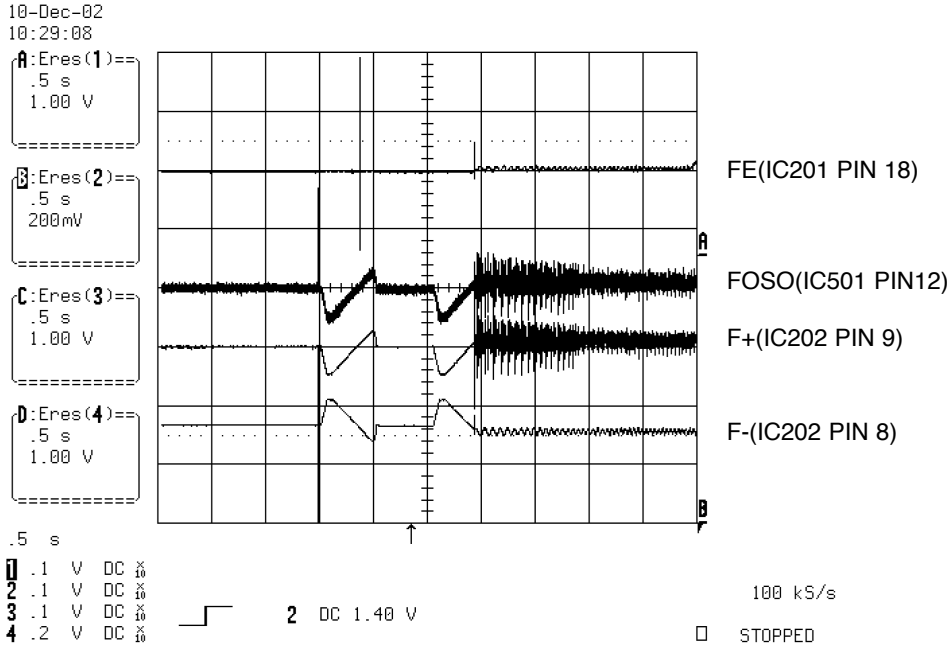


FIG 8-1 (DVD)

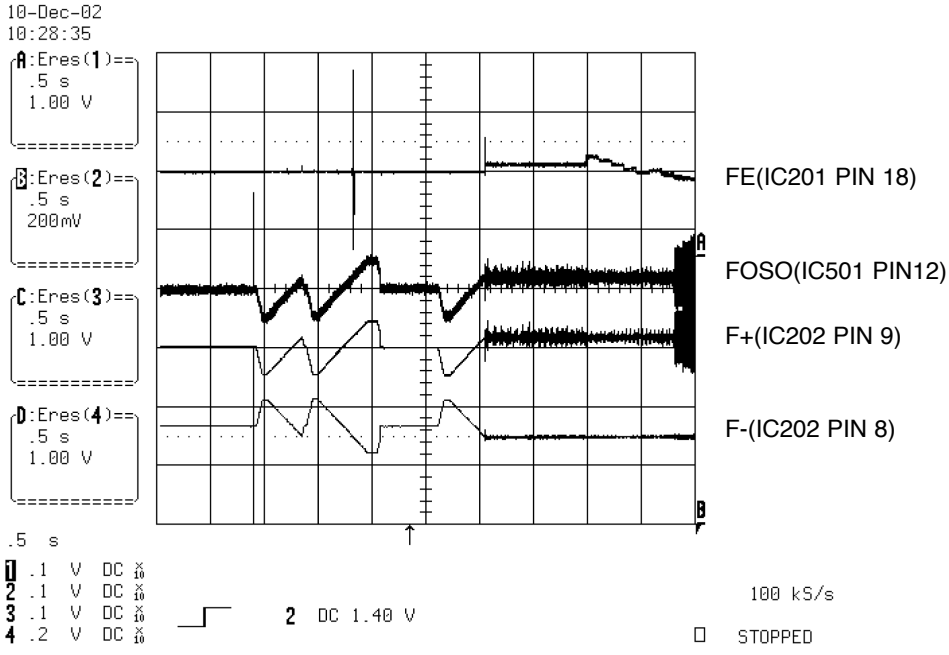


FIG 8-2 (CD)

9. SPINDLE CONTROL WAVEFORM (NO DISC CONDITION)

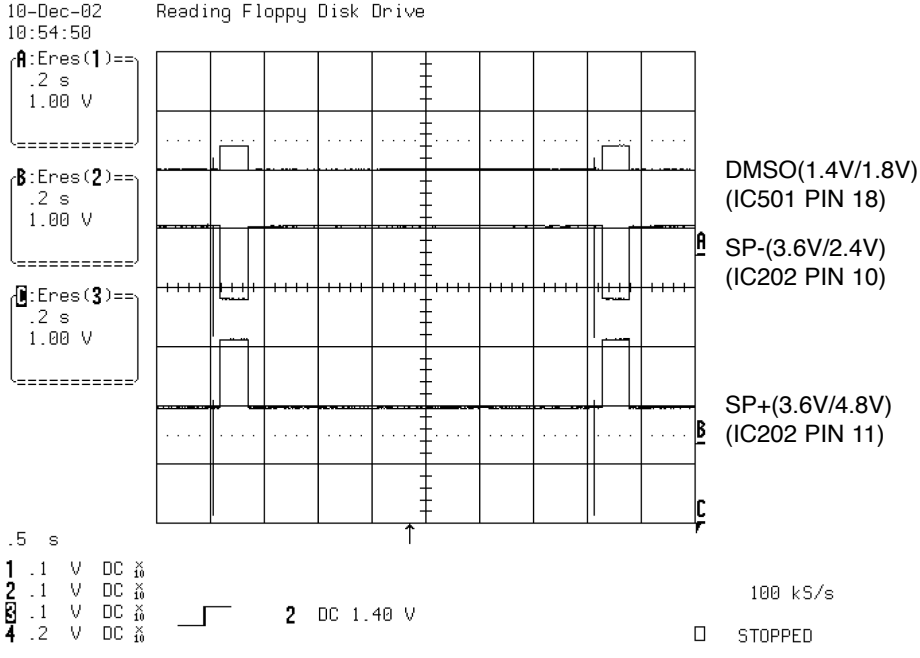


FIG 9-1

10. TRACKING CONTROL RELATED SIGNAL(System checking)

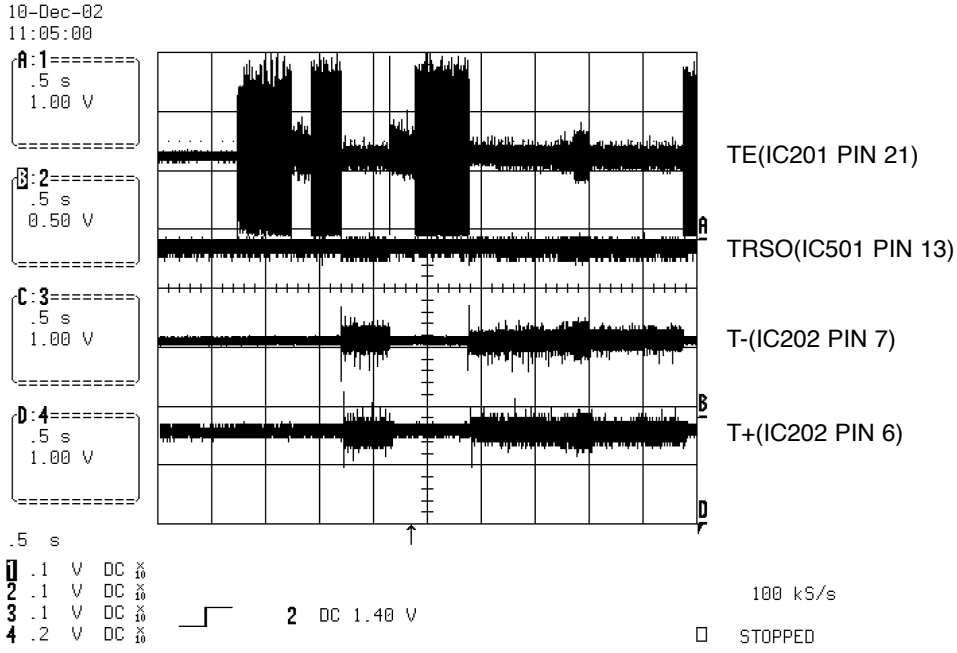


FIG 10-1(DVD)

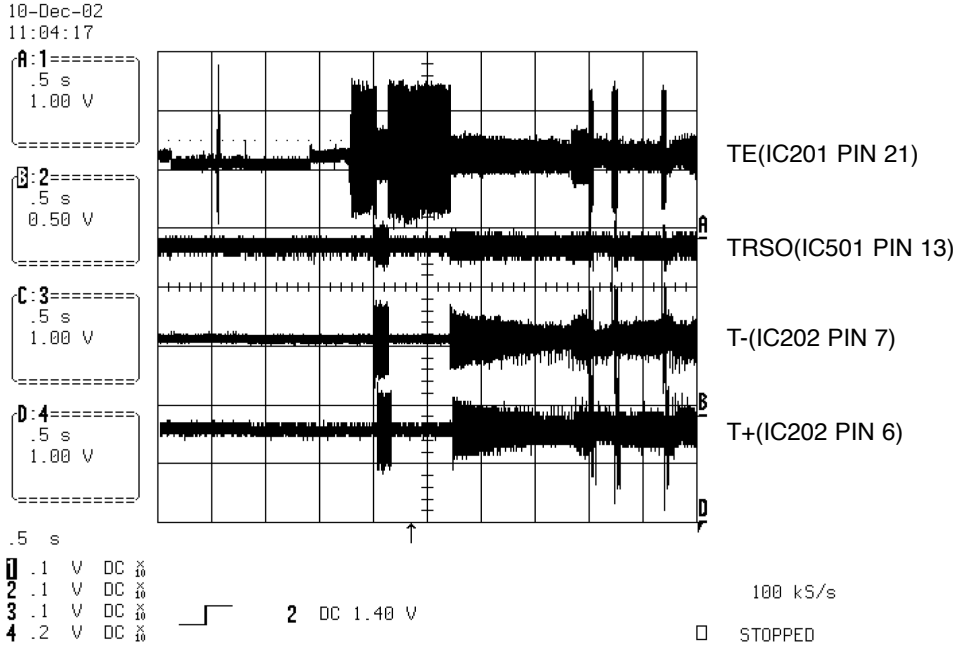


FIG 10-2(CD)

11. RF WAVEFORM

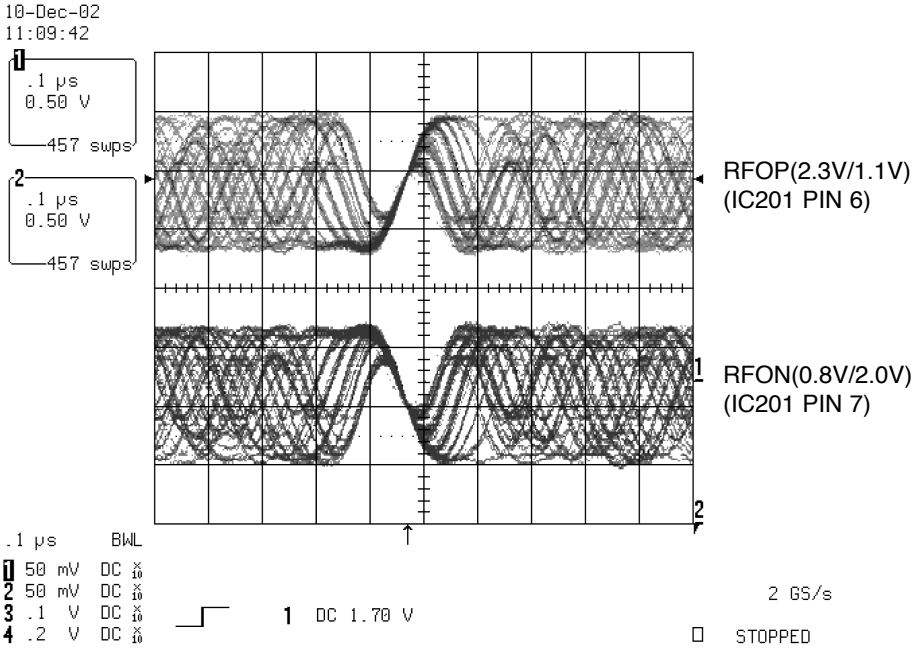


FIG 11-1

12. MT1379 AUDIO OPTICAL AND COAXIAL OUTPUT (ASPDIF)

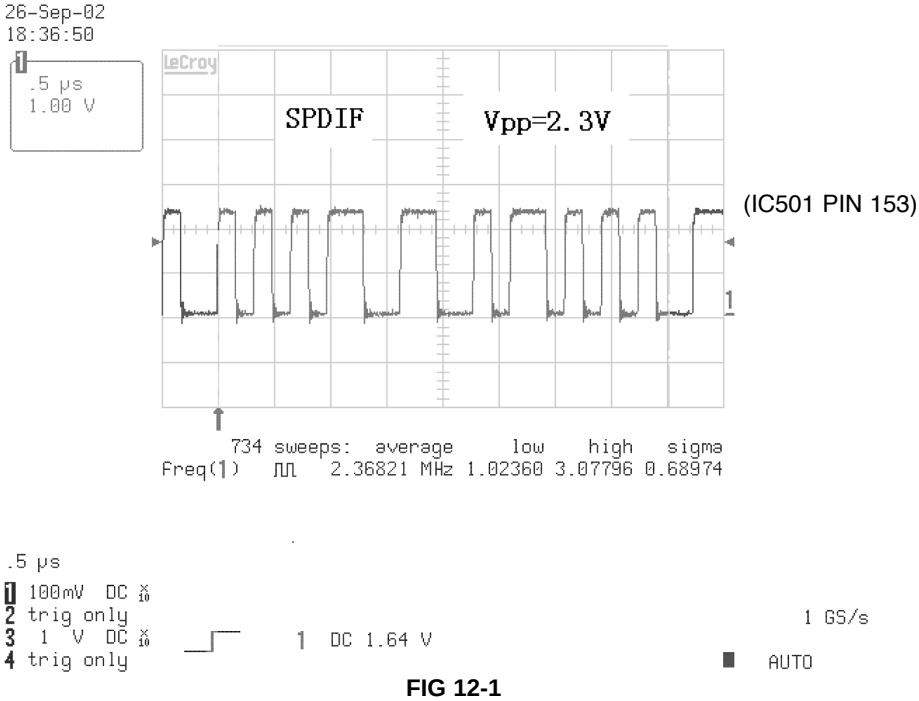
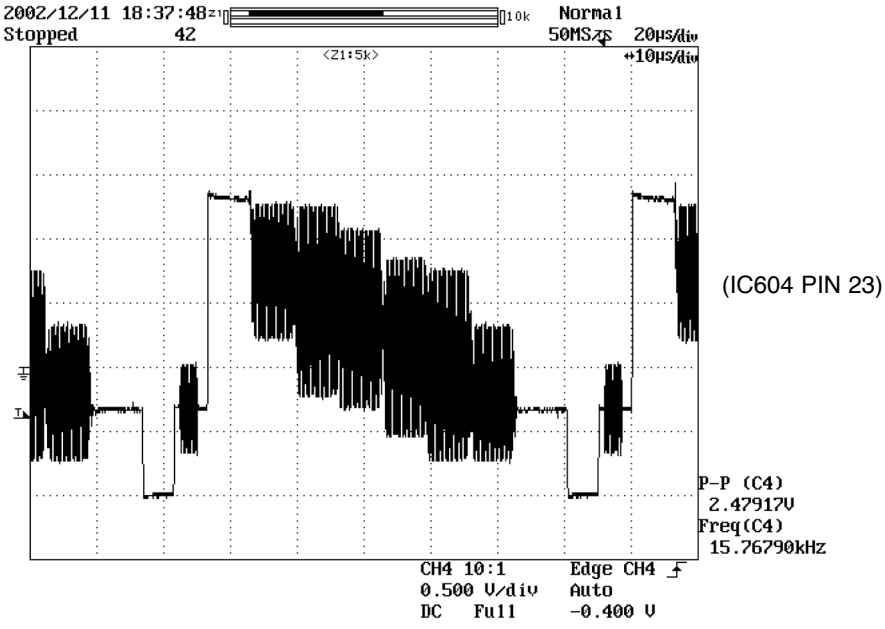


FIG 12-1

13. MT1379 VIDEO OUTPUT WAVEFORM

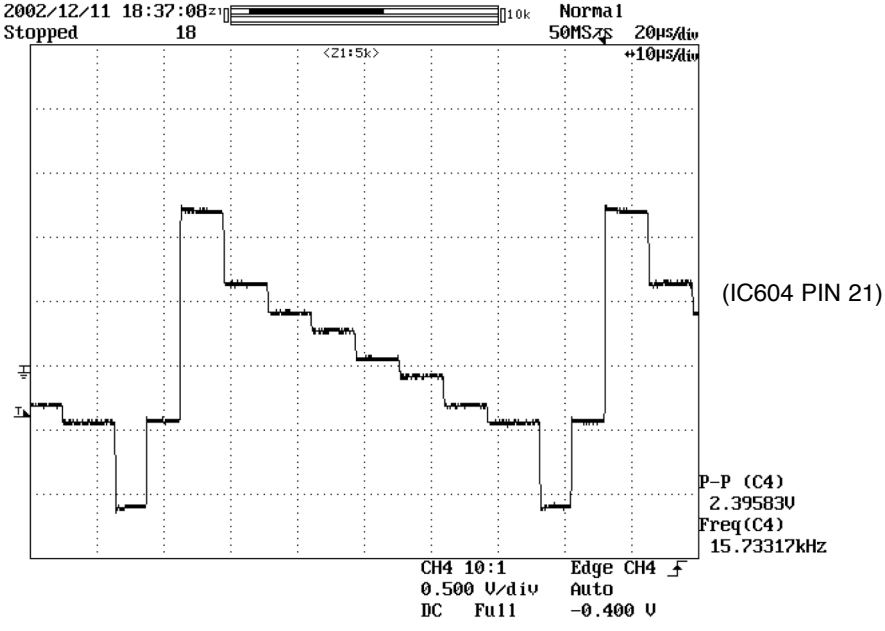
1) Full colorbar signal(CVBS)



(IC604 PIN 23)

FIG 13-1

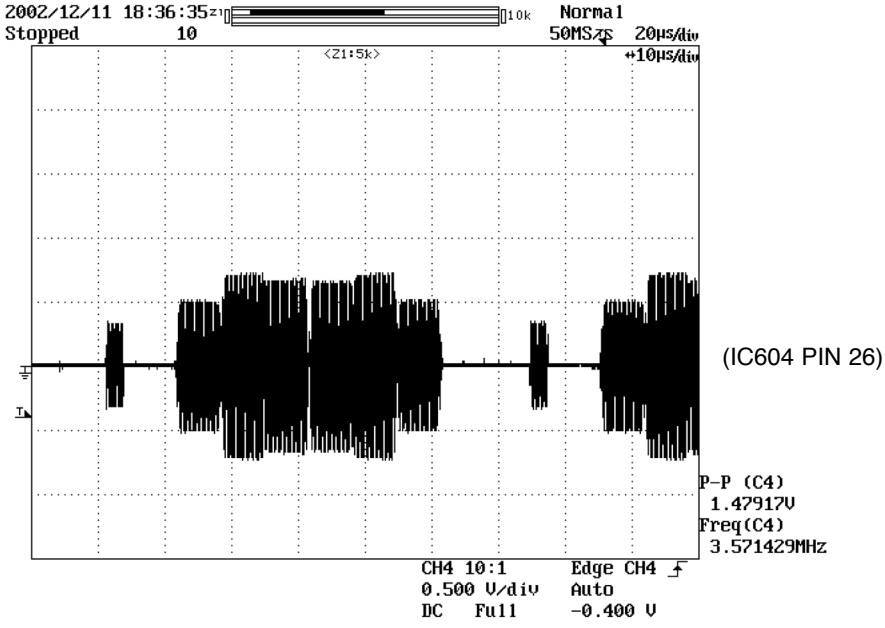
2) Y



(IC604 PIN 21)

FIG 13-2

3) C

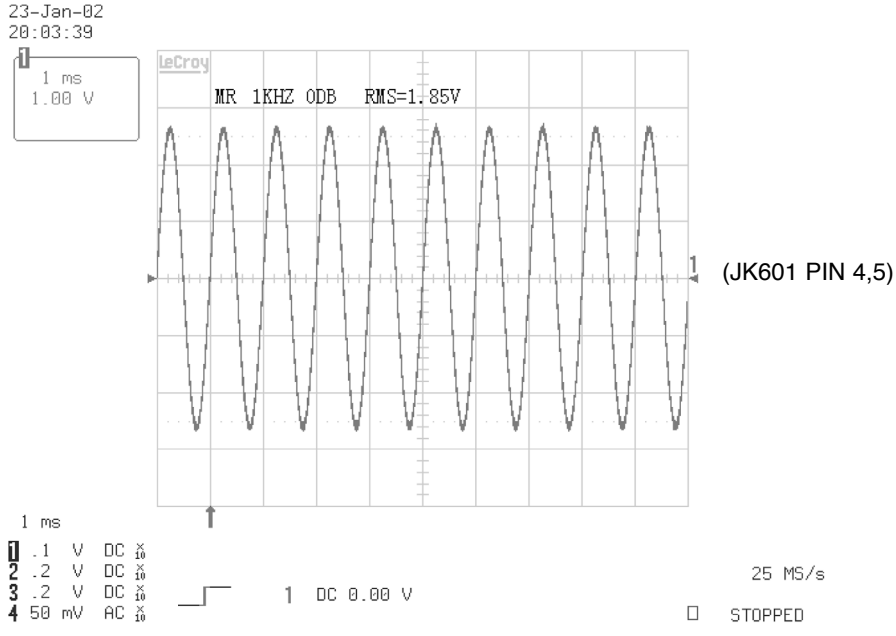


(IC604 PIN 26)

FIG 13-3

14. AUDIO OUTPUT FROM AUDIO DAC

1) Audio L/R



(JK601 PIN 4,5)

FIG 14-1

2) Audio related Signal

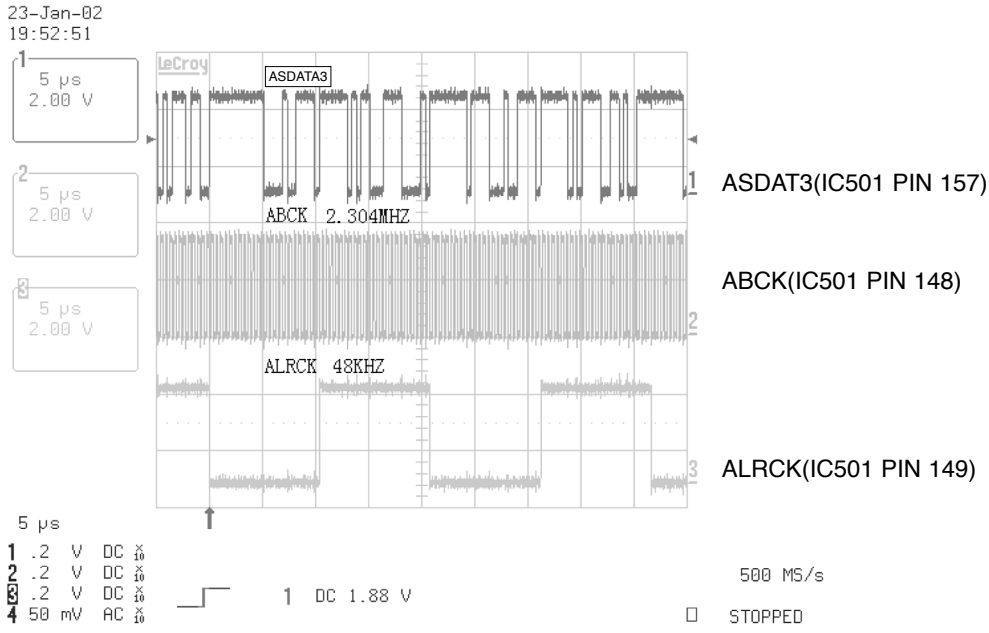


FIG 14-2

SECTION 4 MECHANISM OF VCR PART

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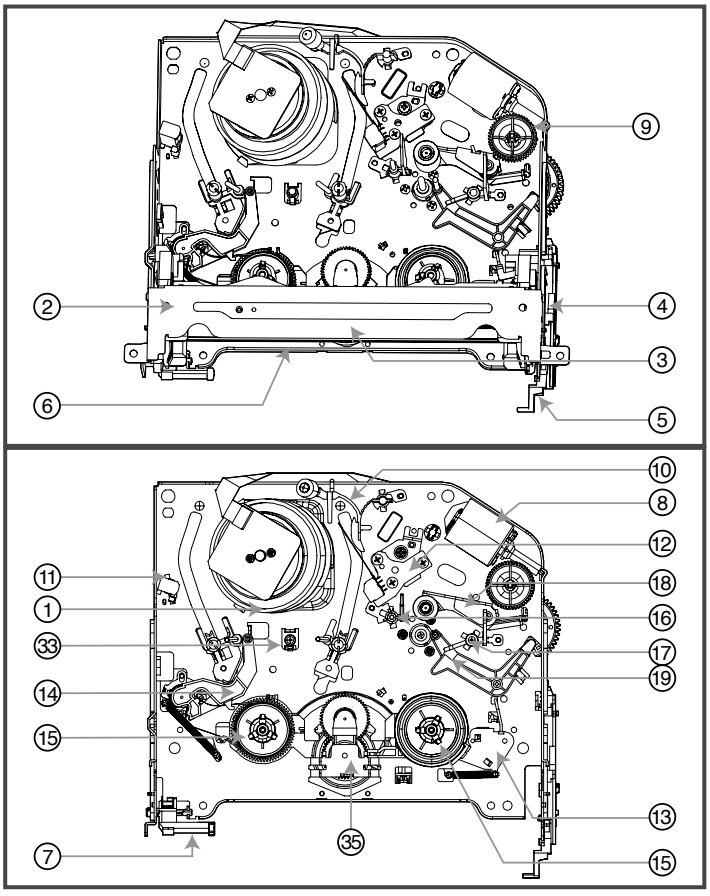
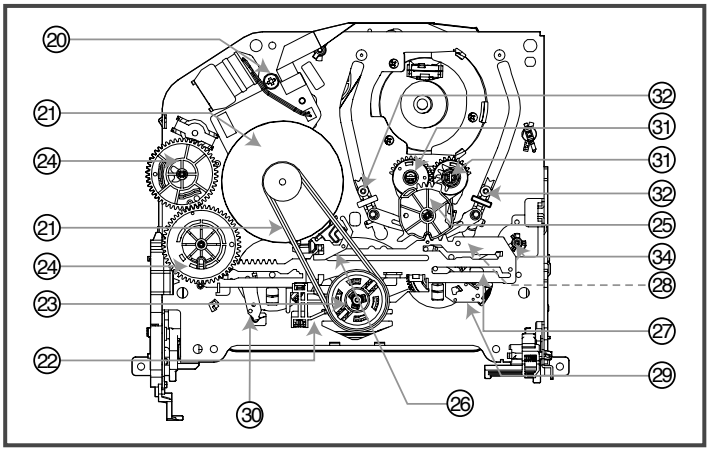
POSITION DRAWING OF DECK MECHANISM PARTS

• Top View



• Bottom View



Order Of Dis-assembled / Parts firstly Disassembled		Part	Fixing Type	Ref. Drawings	Position
	1	Drum Assembly	3 screws	A-1	T
	2	Plate Top	2 hooks	A-2	T
2	3	Holder Assembly CST	6 chasses	A-2	T
2,3	4	Gear Assembly Rack F/L	1 hook	A-2	T
2,3,4	5	Opener Door	Chassis Hole	A-2	T
2,3,4,5	6	Arm Assembly F/L	Chassis Hole	A-2	T
	7	Lever Assembly S/W	Chassis Hole, 1 hook	A-2	T
	8	Motor Assembly L/D	1 screw	A-3	T
	9	Gear Wheel	2 hooks	A-3	T
	10	Arm Assembly Cleaner	Chassis Embossing	A-3	T
	11	Head F/E	Chassis Embossing	A-3	T
	12	Base Assembly A/C Head	1 screw	A-3	T
2,3	13	Brake Assembly T	1 hook	A-4	T
2,3	14	Arm Assembly Tension	1 hook	A-4	T
2,3,13,14	15	Reel S / Reel T	Shaft	A-4	T
	16	Base Assembly P4	Chassis Embossing	A-5	T
	17	Opener Lid	Chassis Embossing	A-5	T
17	18	Arm Assembly Pinch	Shaft	A-5	T
17	19	Arm T/up	1 hook	A-5	T
	20	Supporter, capstan	Chassis Hole	A-6	B
17,18	21	Belt Capstan/Motor Capstan	3 screws	A-6	B
	22	Lever F/R	Locking Tab	A-6	B
21, 22	23	Clutch Assembly D37	Washer	A-6	B
	24	Gear Drive/Gear Cam	Washer/Hook	A-7	B
	25	Gear Sector	Hook	A-7	B
21	26	Brake Assembly Capstan	Chassis Hole	A-7	B
21,22,23, 24,2526	27	Plate Slider	Chassis Guide	A-7	B
21,22,23, 24,2526,27	28	Lever Tension	1 Hook	A7	B
21,22,23, 24,2526,27	29	Lever Spring	1 Hook	A-7	B
21,22,23, 24,2526,27	30	Lever Brake	1 Hook	A-7	B
25	31	Gear Assembly P2/ Gear Assembly P3	Bass	A-8	B
2, 3, 14, 25, 31	32	Base Assembly P2 /Base Assembly P3	6 Chasses	A-8	B
25, 31	33	Base Loading	3 Hooks	A-8	B
2,3,14	34	Base Tension	Chassis Embossing	A-9	T
	35	Arm Assembly Idler Jog	Locking Tab	A-9	T

T:Top, B:Bottom

NOTE : Assembly order is a reverse of disassembly order.

(1) For assembly, check the assembly mode is accurate.
(2) Parts firstly disassembled indicate parts firstly disassembled in disassembly of related parts.

DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

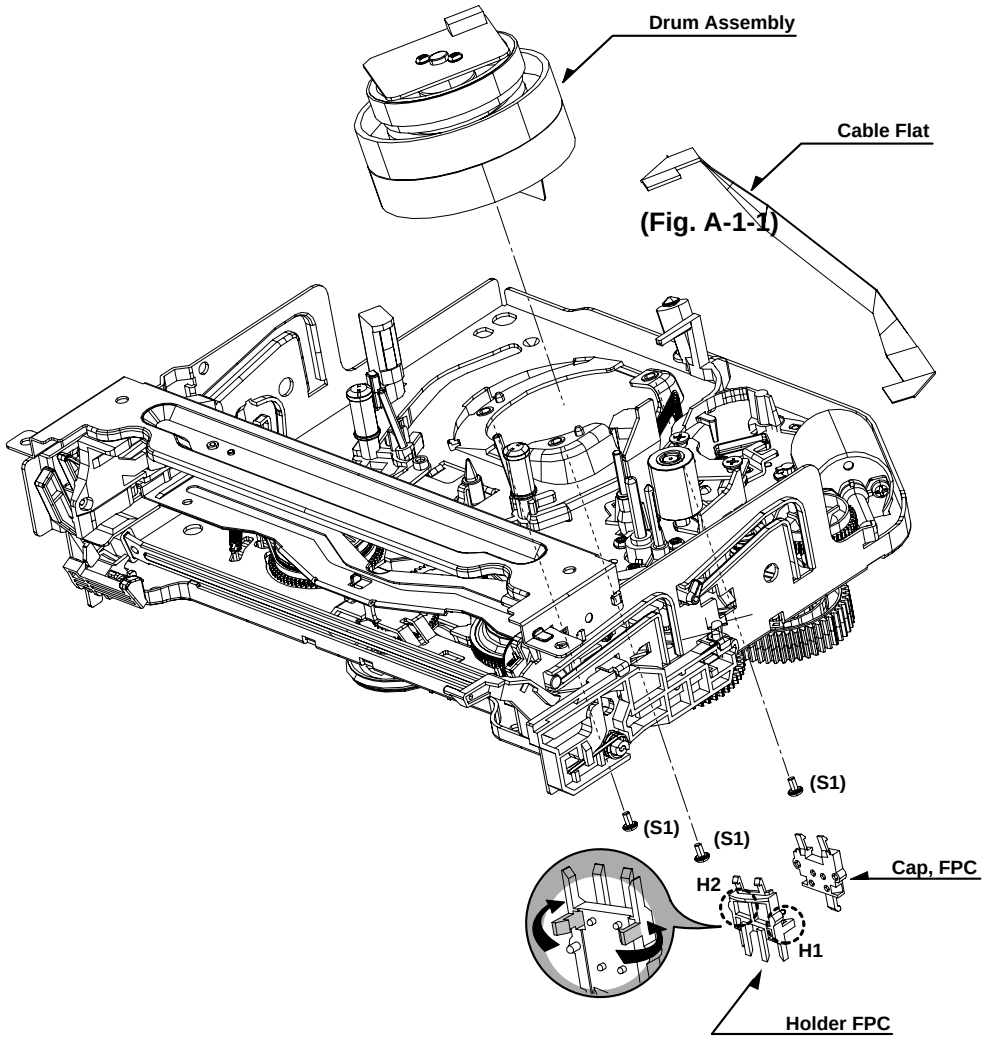
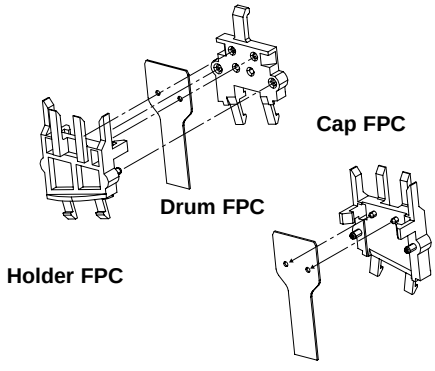


Fig. A-1

1. Disassembly of Drum Assembly (Figure A-1)

1) Separate cable flat from the Drum FPC and the Capstan Motor.
2) Release 3 screws (S1) on the bottom side of the chassis, and separate the drum assembly.
3) Release the hooks (H1, H2) and separate both the holder FPC and the Cap FPC (disassemble if necessary).

Cautions in assembly of FPC



Assembly shape seen in the reverse direction

DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

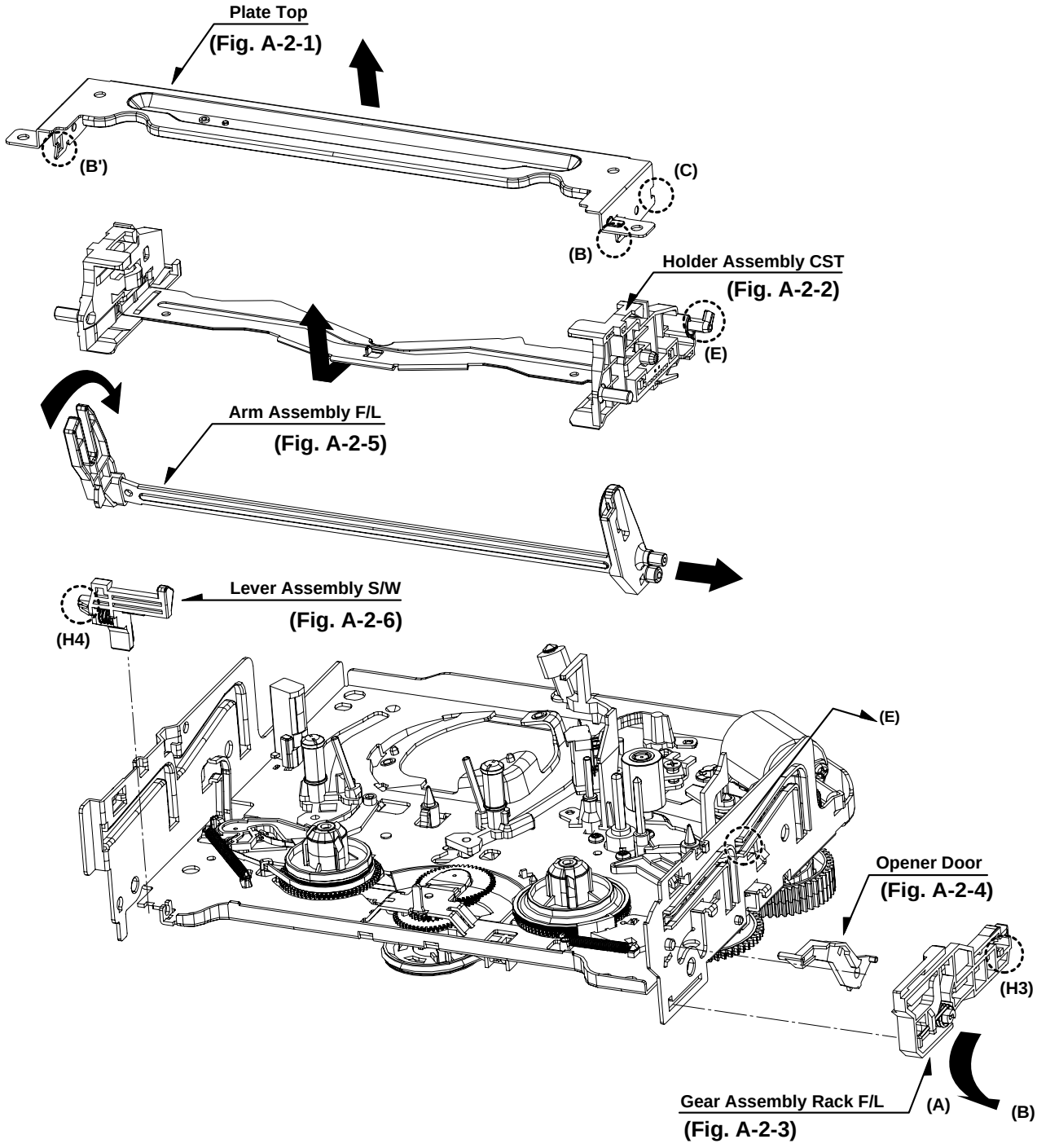


Fig. A-2

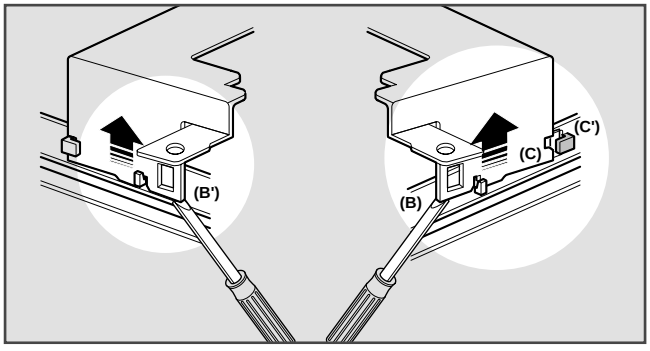
DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

2. Disassembly of Plate Top (Fig. A-2-1)

1) Separate the right part while leaning back the (B) part of the plate top toward the arrow direction.
2) Separate the left part while leaning back the (B') part of the plate top toward the arrow direction.
(Tool used: Tool such as (-) driver, auger, etc with pointed or flat end)

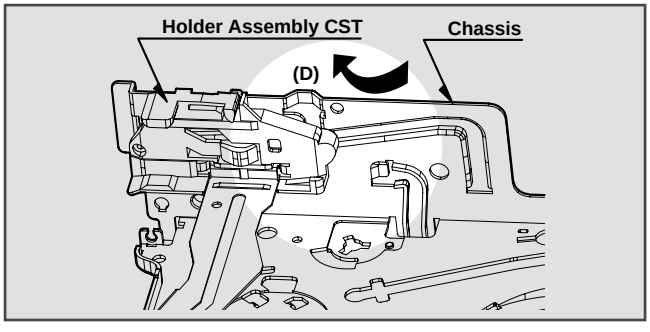
CAUTIONS

Assemble while pressing the (C), (C') part after corresponding them as in drawing.



3. Holder Assembly CST (Fig. A-2-2)

1) Firstly separate the left part from the groove on the (D) part of chassis while moving the holder assembly CST toward the arrow direction.



2) Separate the right part from each groove of chassis

CAUTIONS

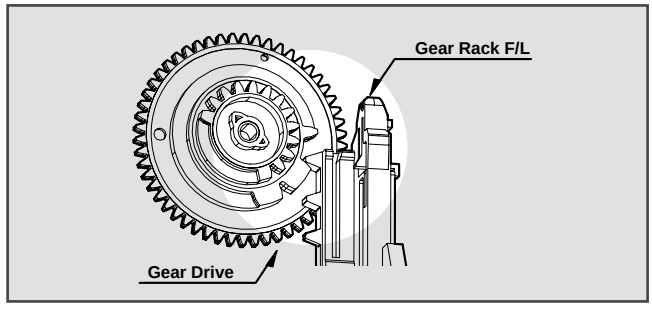
Assemble by inserting the left part after firstly inserting the (E) part of the holder assembly CST into the groove on the (E') part of chassis.

4. Disassembly of Gear Assembly Rack F/L (Fig. A-2-3)

1) Separate the hook (H3) while leaning ahead the hook (3) after moving the gear assembly rack F/L toward the arrow (A) direction.
2) Separate the gear assembly rack F/L toward the arrow (B) direction.

CAUTIONS

For the assembly, correspond the gear part of gear assembly rack F/L to the gear drive.



5. Opener Door (Fig. A-2-4)

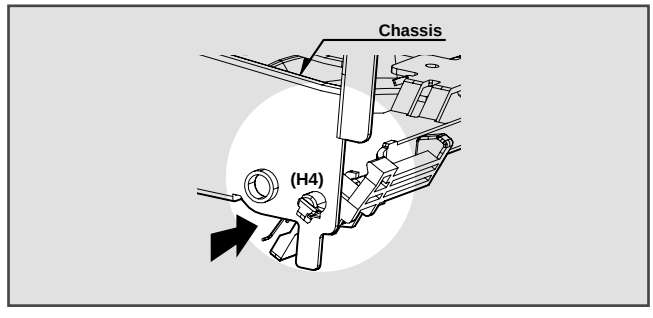
1) Separate the opener door ahead from the guide hole of chassis while turning it clockwise.

6. Arm Assembly F/L (Fig. A-2-5)

1) Firstly separate the left part of the arm assembly F/L from the groove of chassis while pushing the arm assembly F/L toward the arrow direction.
2) Separate the right part from the groove of chassis.).

7. Lever Assembly S/W (Fig. A-2-6)

1) Separate the lever assembly S/W while pushing it toward the arrow direction after removing the hook (4) on the left side of chassis.



DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

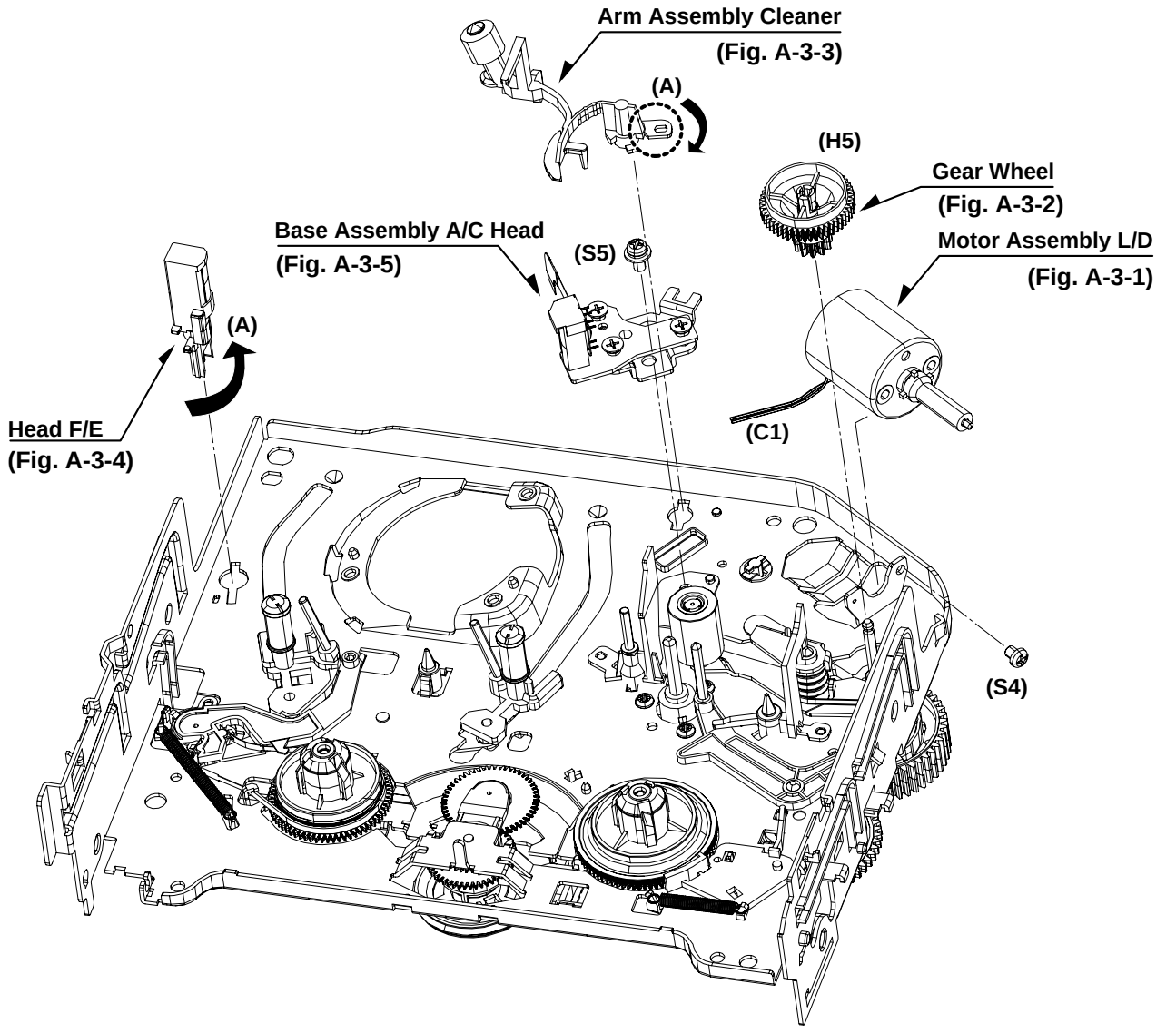


Fig. A-3

8. Motor Assembly L/D (Fig. A-3-1)

1) Take the connector (C1) connected to the Capstan motor PCB out.
2) Remove a screw (S4) of the chassis (S4) and step backward, and disassemble it while holding it up.

9. Gear Wheel (Fig. A-3-2)

1) Release the hook (H5) of the gear wheel and disassemble it upward.

10. Arm Assembly Cleaner (Fig. A-3-3)

1) Separate the (A) part of Fig. A-3-1 from the embossing of chassis, and hold it up while turning it anti-clockwise.

11. Head F/E (Fig. A-3-4)

1) Separate the (A) part of the head F/E from the embossing of chassis, and hold it up while turning it anti-clockwise.

12. Base Assembly A/C Head (Fig. A-3-5)

1) Release a screw (S5) and disassemble while holding it up.

DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

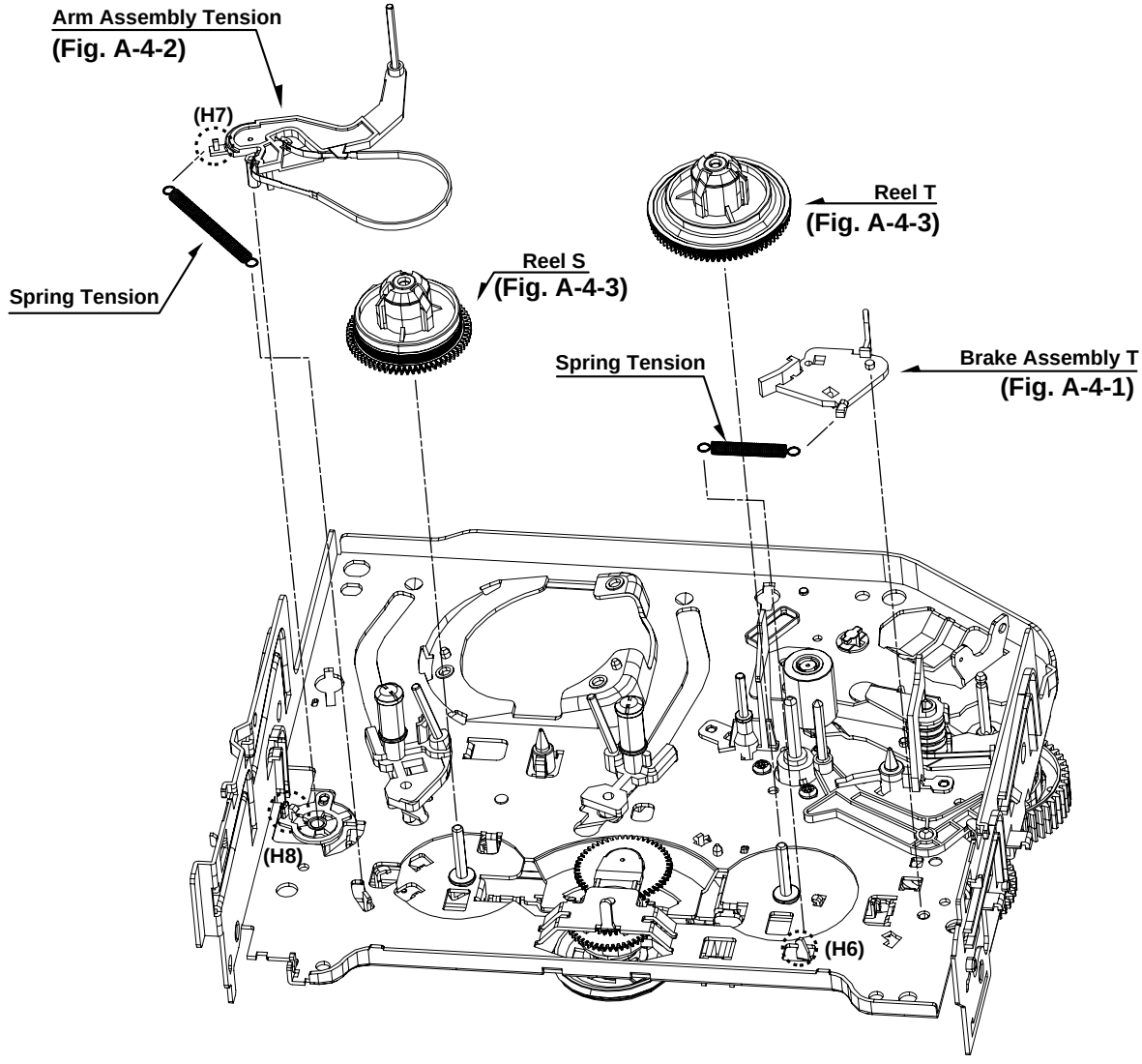


Fig. A-4

13. Brake Assembly T (Fig. A-4-1)

1) Release the spring tension from the lever spring hook (H6).
2) Disassemble the brake assembly T while holding it upward.

14. Arm Assembly Tension (Fig. A-4-2)

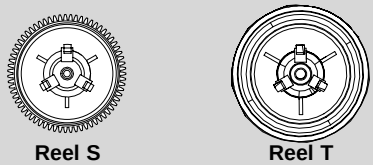
1) Release the spring tension the hook (H7) from the arm assembly tension.
2) After releasing the hook (H8) of the base tension, separate it while holding it up.

CAUTIONS

Spring used for both brake assembly T and arm assembly tension is used (2EA used).

15. Reel S/Reel T (Fig. A-4-3)

1) Disassemble the reel S/ reel T while holding it up (comparison between Reel S and Reel T)



DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

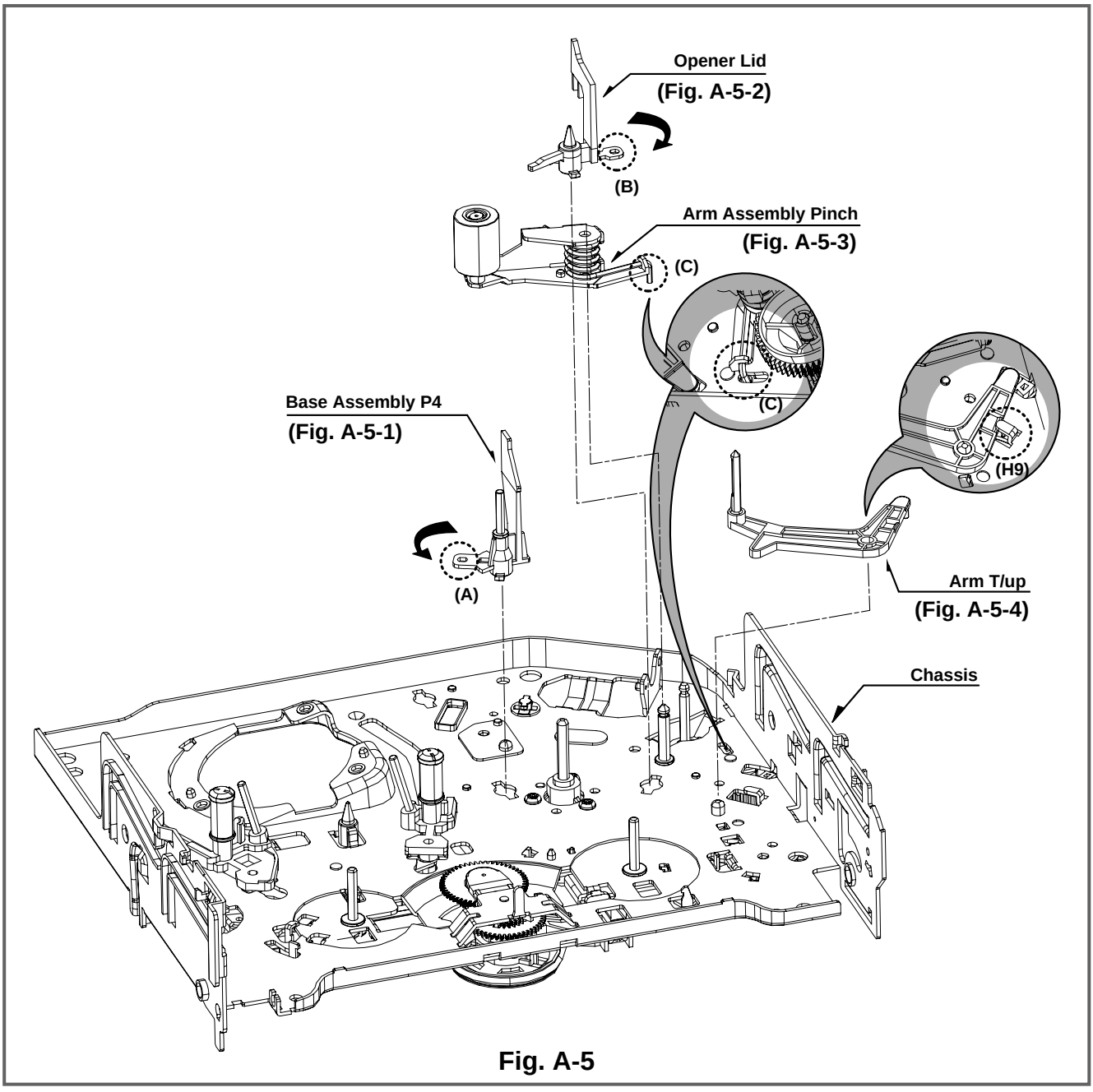


Fig. A-5

16. Base Assembly P4 (Fig. A-5-1)

1) Release the (A) part of the base assembly P4 from the embossing of chassis.
2) Hold the base assembly P4 up while turning it anti-clockwise.

17. Opener Lid (Fig. A-5-2)

1) Release the (B) part of the opener lid from the embossing of chassis.
2) Disassemble the opener lid upward while turning it anti-clockwise.

18. Arm Assembly Pinch (Fig. A-5-3))

1) Hold the arm assembly pinch up.

19. Arm T/up (Fig. A-5-4)

1) Turn the arm T/up to release the anchor jaw (H9) part of chassis and then hold it upward.

CAUTIONS

For the assembly, check the (C) part of the arm assembly pinch is assembled as in drawing.

- REVERSE THE MECHANISM.

DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

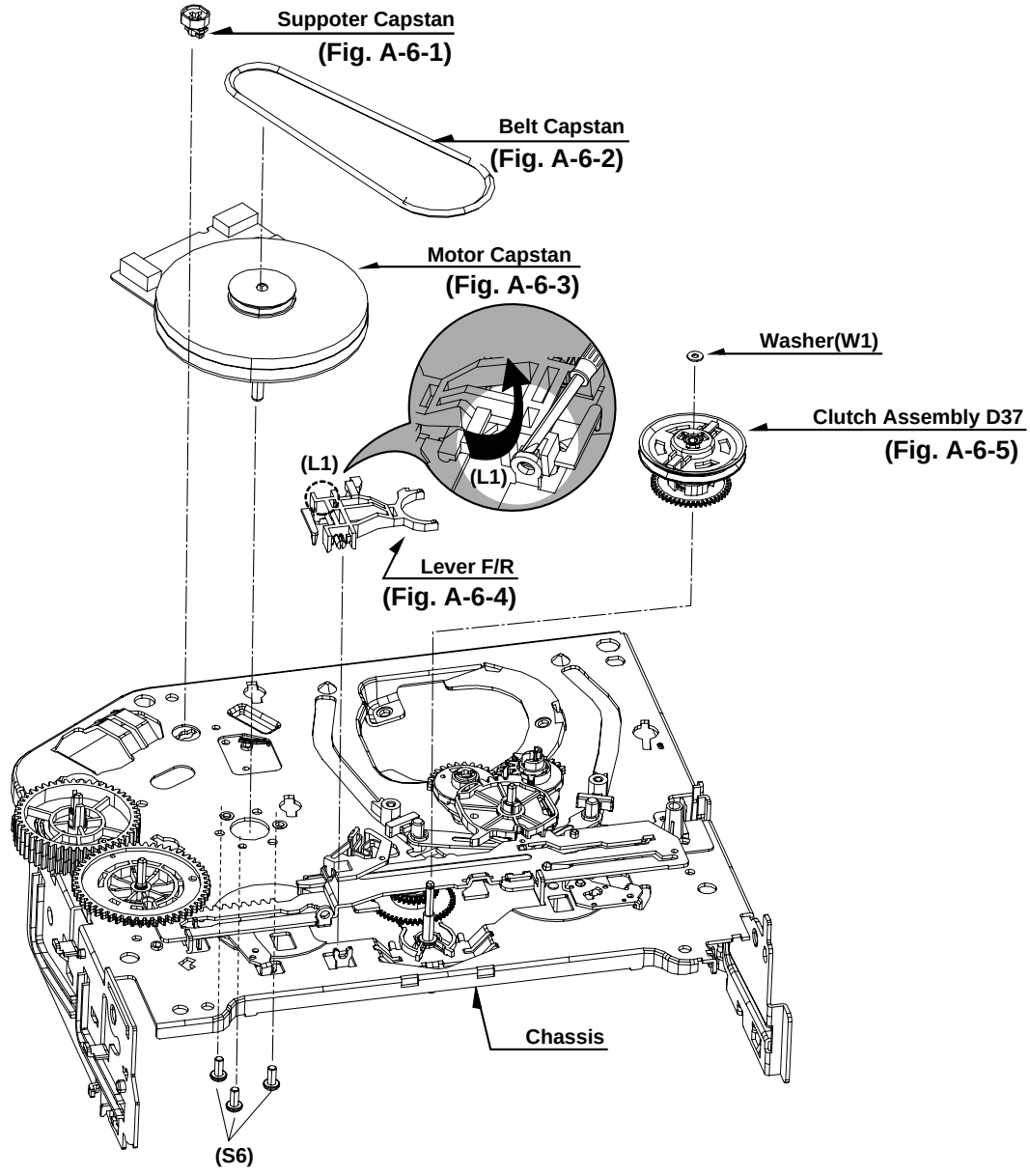


Fig. A-6

20. Supporter, Capstan (Fig. A-6-1)

1) Turn the supporter and Capstan by 90 deg. clockwise with a driver for disassembly.

21. Belt Capstan (Fig. A-6-2) / Motor Capstan (Fig. A-6-3)

1) Separate the belt Capstan.
2) Undo 3 screws (S6) on the bottom side of chassis and disassemble it upward.

22. Lever F/R (Fig. A-6-4)

1) Release the locking tab (L1) and then disassemble it upward.

23. Clutch Assembly D37 (Fig. A-6-5)

1) Remove the washer (W1) and then disassemble it upward.

DISASSEMBLY AND ASSEMBLY OF DECK MECHANISM

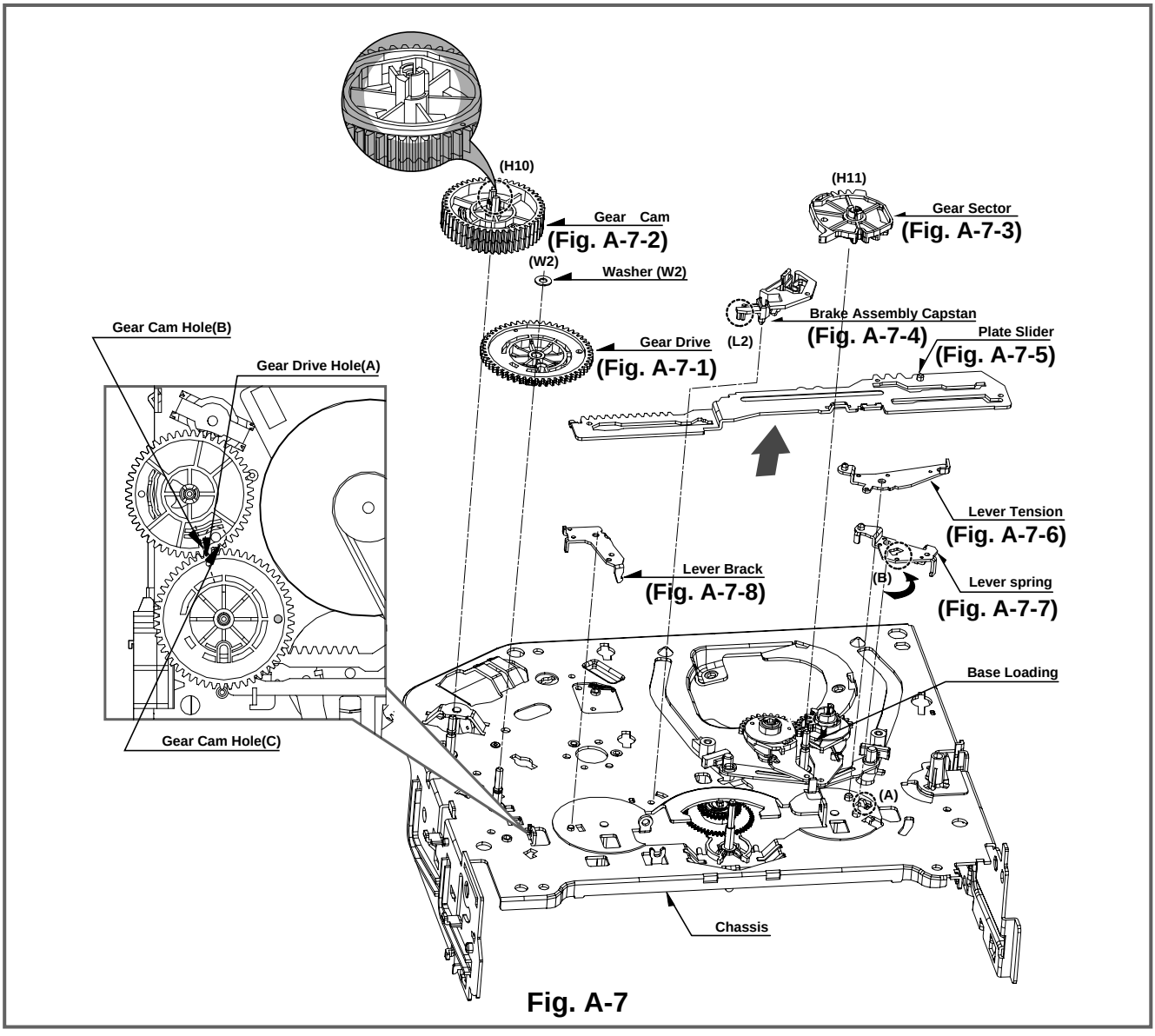


Fig. A-7

24. Gear Drive (Fig. A-7-1)/ Gear Cam (Fig. A-7-2)

1) Remove the washer (W2) and then disassemble the gear drive.
2) Release the hook (H10) of the gear cam and then disassemble it upward.

CAUTIONS

For the assembly, adjust both the gear driver hole (A) and the gear cam hole (B) straightly and then correspond the gear cam hole (C) to the chassis hole.

25. Gear Sector (Fig. A-7-3)

1) Release the hook (H11) of the gear sector and then hold the gear sector upward.

26. Brake Assembly Capstan (Fig. A-7-4)

1) Release the locking tab (L2) on the bottom side of the plate slider and then disassemble it upward.

27. Plate Slider (Fig. A-7-5)

1) Disassemble the plate slider while holding it up.

28. Lever Tension (Fig. A-7-6)

1) Release the lever tension from the guide (A) of chassis while turning it anti-clockwise.
2) Disassemble the lever tension while holding it up.

29. Lever Spring (Fig. A-7-7)

1) Release the (B) part of the lever spring from the guide (A) of chassis while turning it anti-clockwise.
2) Disassemble the lever tension while holding it up.

30. Lever Brake (Fig. A-7-8)

1) Disassemble the lever brake while holding it up.

DECK MECHANISM DISASSEMBLY

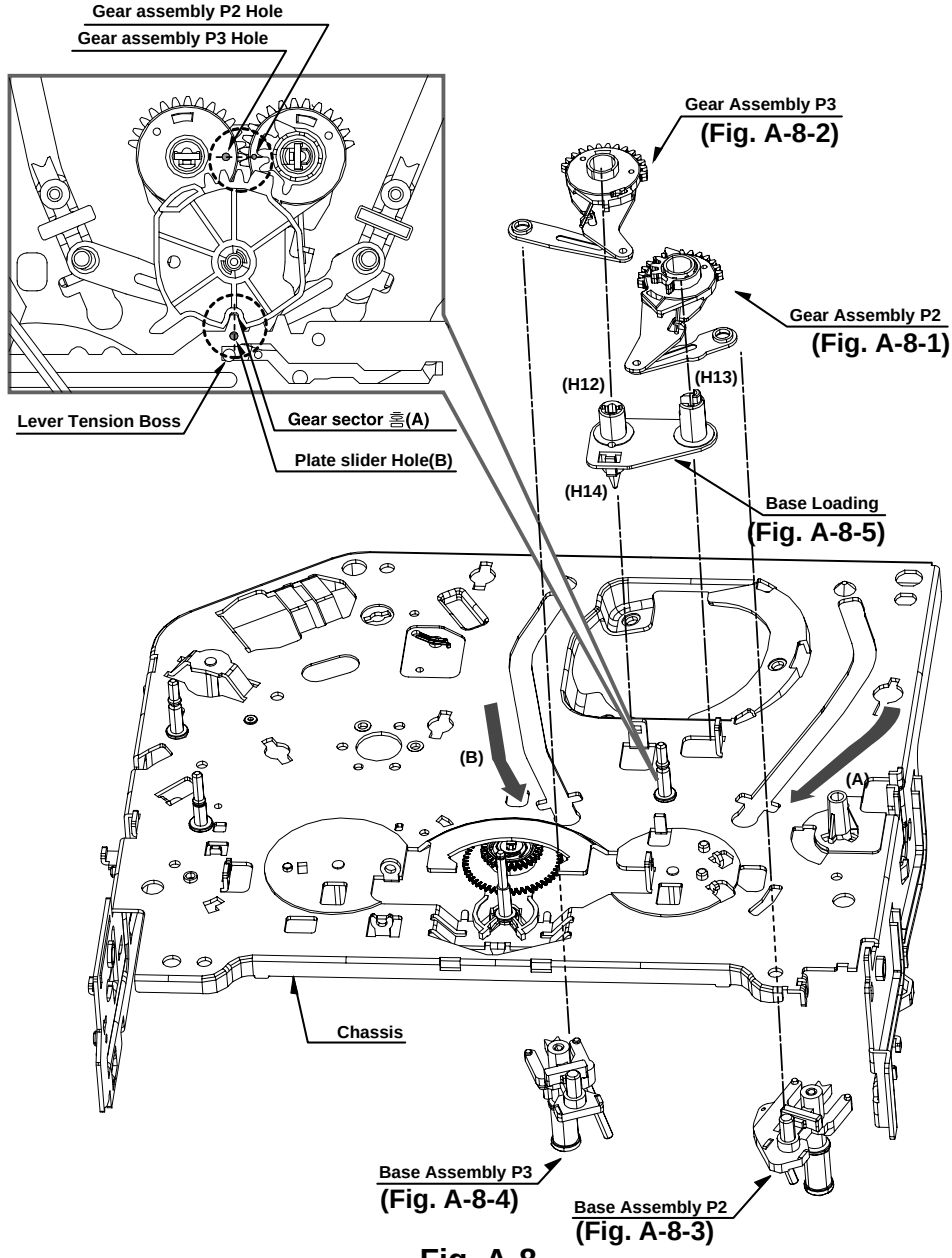


Fig. A-8

31. Gear Assembly P2 (Fig. A-8-1)/ Gear Assembly P3 (Fig. A-8-2)

1) Hold the gear assembly P2 upward.
2) Hold the gear assembly P3 upward.

CAUTIONS

For the assembly, check the holes of both the gear assembly P2 and the P3 are adjusted straightly, and then correspond the gear section groove (A) to the plate slider hole (B).

32. Base Assembly P2 (Fig. A-8-3)/ Base Assembly P3 (Fig. A-8-4)

1) Disassemble the base assembly P2 downward while moving it toward the arrow (A) direction along with the guide hole of chassis.
2) Disassemble the base assembly P2 downward while moving it toward the arrow (B) direction along with the guide hole of chassis.

33. Base Loading (Fig. A-8-5)

1) Release 3 hooks (H12, 13, 14) of the base loading, and then disassemble them upward.
   - Reverse the mechanism.

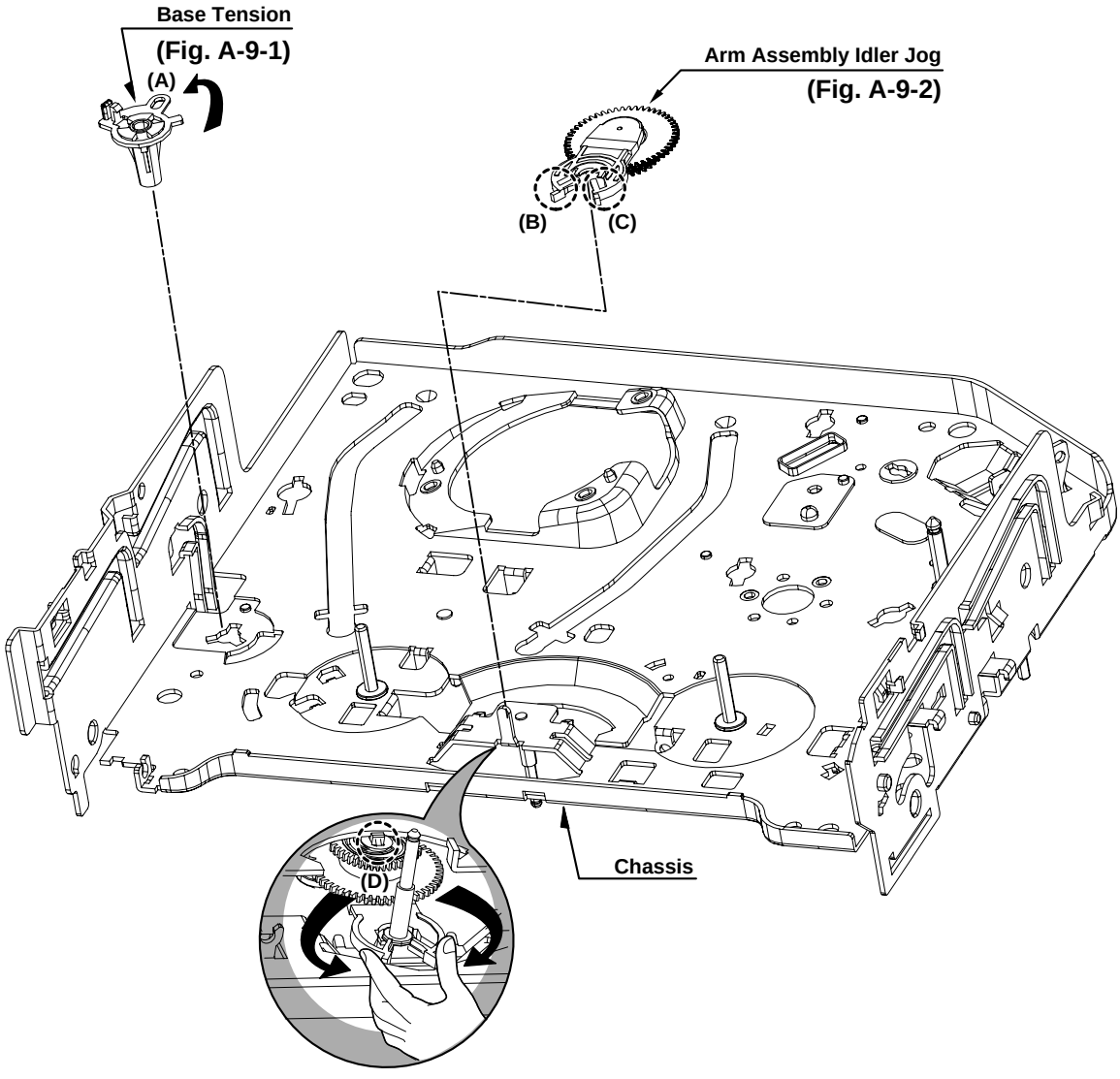


Fig. A-9

34. Base Tension (Fig. A-9-1)

1) Release the (A) part of the base tension from the embossing of chassis.
2) Hold the base tension upward while turning it anti-clockwise.

35. Arm assembly Idler Jog (Fig. A-9-2)

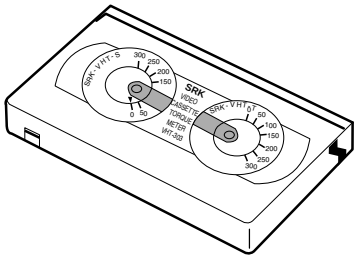
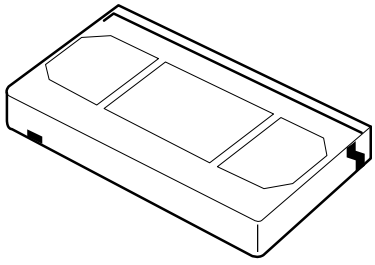
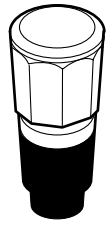
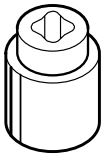
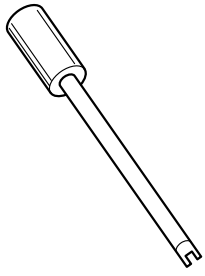
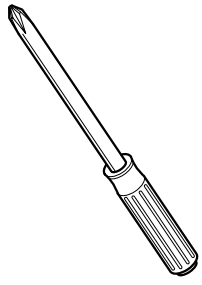
1) Push both (B), (C) parts in Fig. A-9-2 toward the arrow direction.
2) Disassemble the arm assembly idler upward.

CAUTIONS

Take care to ensure that the (D) part in the drawing is not hung to chassis in disassembly.

DECK MECHANISM ADJUSTMENT

• Fixtures and Tools for Service

1. Cassette Torque Meter **SRK-VHT-303(Not SVC part)** **Part No:D00-D006** 	**2. Alignment tape** **Part No NTSC:DTN-0001** **PAL:DTN-0002** 	**3. Torque gauge** **600g.Cm ATG** **Part No:D00-D002** 
4. Torque gauge adaptor **Part No:D09-R001** 	**5. Post height adjusting driver** **Part No:DTL-0005** 	**6. + Type driver (ø5)** 

DECK MECHANISM ADJUSTMENT

1. Mechanism Assembly Mode Check

Purpose of adjustment : To make tools normally operate by positioning tools accurately.		
Fixtures and tools used	**VCR (VCP) status**	**Checking Position**
• Blank Tape (empty tape)	• Eject Mode (with cassette withdrawn)	• Mechanism and Mode Switch

1) Turn the VCR on and take the tape out by pressing the eject button.
2) Separate both top cover and plate top, and check both the hole (A) of gear cam and the hole (A') of chassis correspond (Fig. C-2).
3) If it is done as in the paragraph 2): Turn the gear cam as in No.2) after mantling the motor assembly L/D.
4) Undo the screw fixing the deck and the main frame, and separate the deck assembly. Check both the hole (A) of gear cam and the hole (A') of chassis correspond (Fig. C-1).
5) Check the mode S/W on the main P.C. board locates at a proper position as in (B) of the Fig. (C-1).
6) Connect the deck to the main P.C. board and perform all types of test.

CHECK DIAGRAM

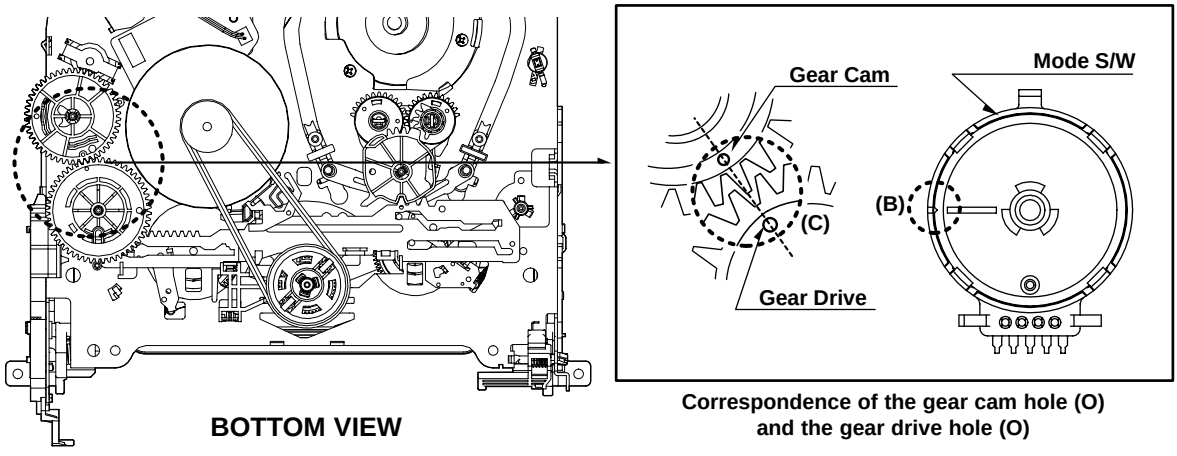


Fig. C-1

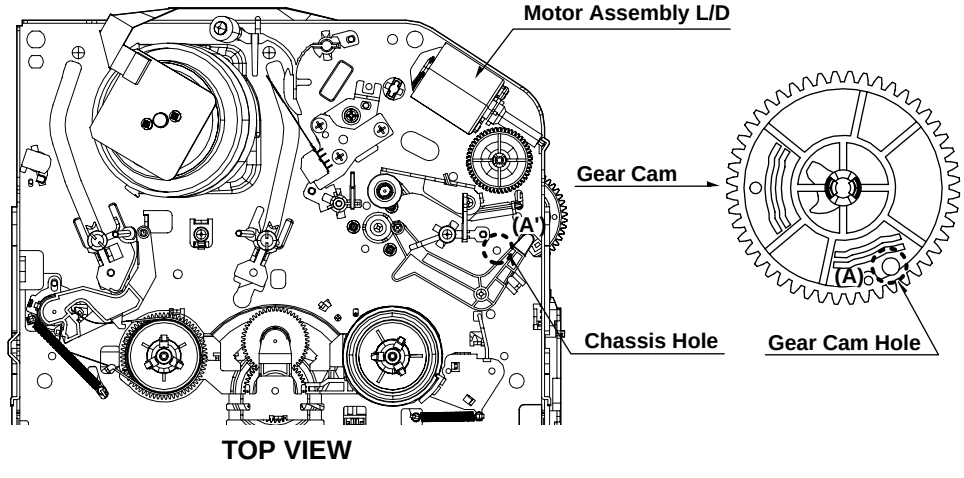


Fig. C-2

2. Previous Preparation for Deck Adjustment

(Preparation to load the VCR (VCP) with cassette tape not inserted)

1) Take the power cord from the consent.
2) Separate the top cover and the plate assembly top.
3) Insert the power cord into again.
4) Turn the VCR (VCP) on and load the cassette while pushing the lever stopper of the holder assembly CST backward. In this case, clog both holes on the housing rail part of chassis to prevent detection of the end sensor.

If doing so, proceeding to the stop mode is done. In this status, input signals of all modes can be received. However, operation of the Rewind and the Review is impossible since the take-up reel remains at stop status and so cannot detect the reel pulse (however, possible for several seconds).

3. Torque Measuring

Purpose of Measuring : To measure and check the reel torque on the take-up part and the supply part that performs basic operation of the VCR (VCP) for smoothly forwarding the tape.
Measure and check followings when the tape is not smoothly wound or the tape velocity is abnormally proceeded:

Fixtures and tools used	VCR (VCP) status	Measuring method
• Torque Gauge (600 g.cm ATG) • Torque Gauge Adaptor • Cassette Torque Meter SRK-VHT-303	• Play (FF) or Review (REW) Mode	• Try to operate the VCR (VCP) per mode with the tape not inserted (See '2. Prior Preparation for Deck Adjustment). • Measure after adhering and fixing the torque gauge adaptor to the torque gauge (Fig. C-3-1) • Read scale of the supply or take-up part of the cassette torque meter (Fig. C-3-2).

Item	Mode	Instruments	Reel Measured	Measuring Value
Fast forward Torque	Fast Forward	Torque Gauge	Take-Up Reel	More than 400g°cm
Rewind Torque	Rewind	Torque Gauge	Supply Reel	More than 400g°cm
Play Take-Up Torque	Play	VHT-303	Take-Up Reel	40~100g°cm
Review Torque	Review	VHT-303	Supply Reel	120~210g°cm

NOTE

Adhere the torque gauge adaptor to the torque gauge for measuring the value.

• Torque Gauge (600g.cm ATG)

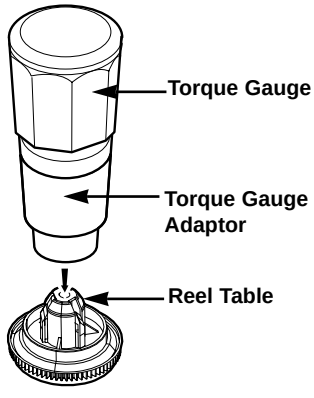


Fig. C-3-1

• Cassette Torque Meter (SRK-VHT-303)

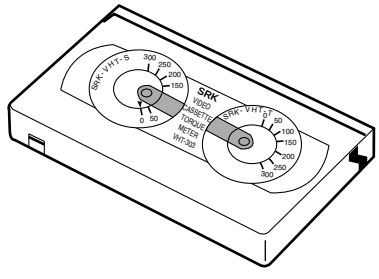


Fig. C-3-2

DECK MECHANISM ADJUSTMENT

4. Guide Roller Height Adjustment

Purpose of adjustment : To ensure that the bottom surface of the tape can travel along with the tape lead line of the lower drum by constantly and adjusting and maintaining the height of the tape.

4-1. Prior Adjustment

Fixtures and tools used	VCR (VCP) status	Adjustment position
• Post Height Adjusting Driver	• Play or Review Mode	• The guide roller height adjusting screw on the supply guide roller and the take-up guide roller

Adjustment Procedure

1) Travel the tape and check the bottom surface of the tape travels along with the guide line of the lower drum.
2) If the tape travels toward the lower part of guide line on the lower drum, turn the guide roller height adjusting screw to the left
3) If it travels to the upper part, turn it to the right.
4) Adjust the height of the guide roller to ensure that the tape is guided on the guide line of the lower drum at the inlet/outlet of the drum. (Fig. C-4-1)

ADJUSTMENT DIAGRAM

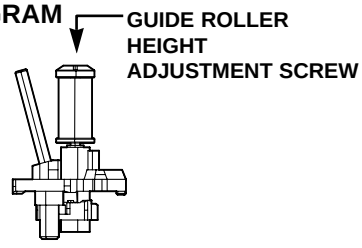


Fig. C-4-1

4-2. Fine Adjustment

Fixtures and tools used	Measuring tools and connection position	VCR (VCP) status	Adjustment position
• Oscilloscope • Standard test tape • Post height adjusting driver	• CH-1: PB RF Envelope • CH-2: NTSC : SW 30Hz PAL : SW 25Hz • Head switching output point • RF Envelope output point	• Play the standard test tape.	• Guide roller height adjusting screw

1) Play the standard test tape after connecting the probe of oscilloscope to the RF envelope output point and the head switching output point.
2) Tracking control (playback) : Locate it at the center (Set the RF output to the maximum value via the tracking control when such adjustment is completed after the drum assembly is replaced.)
3) Height adjusting screw: Flatten the RF waveform. (Fig. C-4-2)
4) Move the tracking control (playback) to the right/left. (Fig. C-4-3)
5) Check the start and the end of the RF output reduction width are constant.

CAUTIONS

There must exist no crumpling and folding of the tape due to excess adjustment or insufficient adjustment.

Waveform

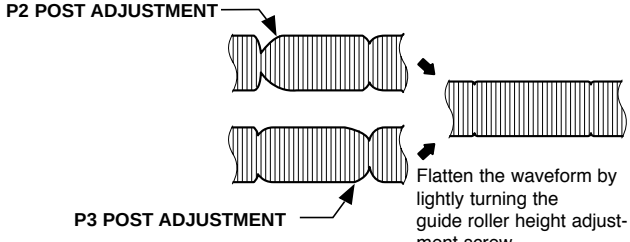

P2 POST ADJUSTMENT
P3 POST ADJUSTMENT
Flatten the waveform by lightly turning the guide roller height adjustment screw.

Fig. C-4-2

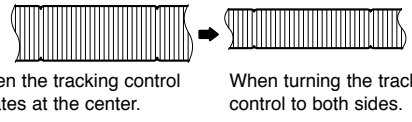
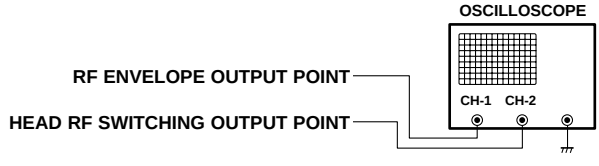


Fig. C-4-2

Connection Diagram



DECK MECHANISM ADJUSTMENT

5. Audio/Control (A/C) Head Adjustment

Purpose of adjustment : To ensure that audio and control signals can be recorded and played according to the contract tract by constantly maintaining distance between tape and head, and tape tension between the P3 post and the P4 post.

5-1. Prior Adjustment (performed only when no audio output appears in play of the standard test tape)

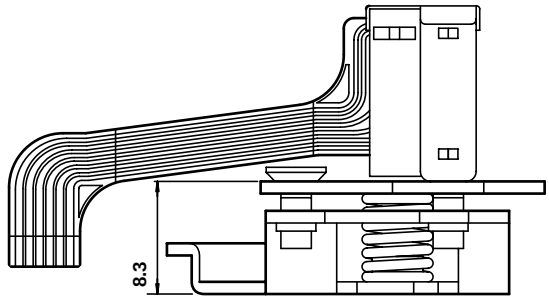
Fixtures and tools used	VCR (VCP) status	Adjustment position
• Blank Tape (Empty Tape) • Driver (+) Type ø 5	• Play the blank tape (empty tape).	• Tilt adjusting screw (C) • Height adjusting screw (B) • Azimuth adjusting screw (A)

Adjustment Procedure/Adjustment Diagrams

1) Basically use the A/C head assembly adjusted as in SPEC.
2) Check there is crumpling and folding of the tape around the A/C head. If it is, Turn and adjust the tilt adjusting screw to ensure that the tape corresponds to the bottom guide of the P4, and recheck the tape path after proceeding play for 4-5 seconds.
3) Where the tape bottom is not equal to Fig. C-5-3, Adjust the height by using the height adjusting screw (B) and then readjust it by using the tilt adjusting screw (C).

CAUTIONS

Always check the height of the A/C head since most ideal height of A/C head can be obtained when the bottom part of the tape is away 0.2 ~ 0.25mm from the bottom part of the A/C head.



A/C Head Base

Fig. C-5-1

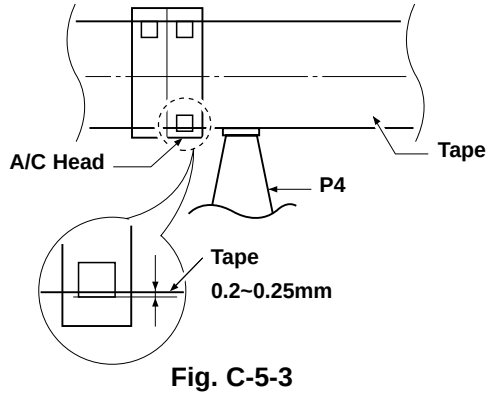
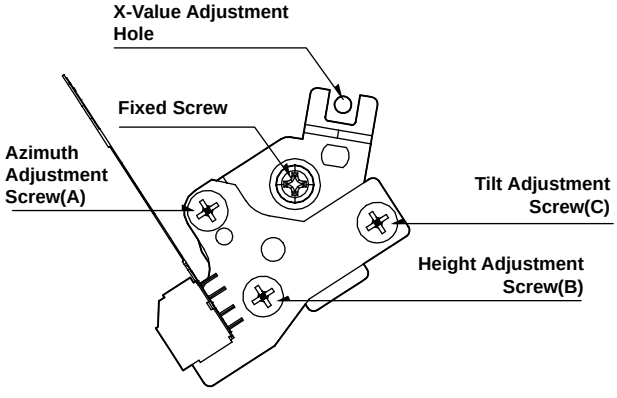


Fig. C-5-3



A/C Head Assembly

Fig. C-5-2

5-2. Tape Path Check between Pinch Roller and Take up Guide (Check in the Rev Mode)

1) Check the tape pass status between the pinch roller and the take-up guide.(Check there is crumpling of the tape pass and folding of the take-up guide.)
   (1) When holding of the take-up guide bottom occurs Turn the tilt adjusting screw (C) clockwise and travel it stably to ensure there is no crumbling or folding of the tape.
   (2) When holding of the take-up guide top occurs Turn the tilt adjusting screw (C) anti-clockwise and travel it stably to ensure there is no crumbling or folding of the tape.

2) Check there is folding of the tape at the bottom or top of the take-up guide in cutting-off the REV mode

CAUTIONS

If the RF waveform is changed after adjusting the A/C head, perform fine adjustment to ensure the RF waveform is flattened.

5-3. Fine Adjustment (Azimuth Adjustment)

Fixtures and tools used	Connection position	VCR (VCP) status	Adjustment position
• Oscilloscope • Standard test tape (only for SP) • Driver (+) Type Ø 4	• Audio Output Jack	• Play the standard test • Tape, 1KHz, 7KHz.	• Azimuth Adjusting Screw (A) • Height Adjusting Screw (B)

Adjustment Procedure

1) Connect the probe of Oscilloscope to the audio output jack.
2) Ensure that Audio 1KHz, 7KHz output is flattened at the maximization point by adjusting the Azimuth adjusting screw (A).

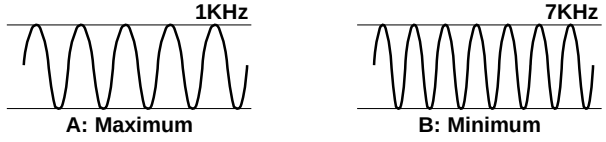
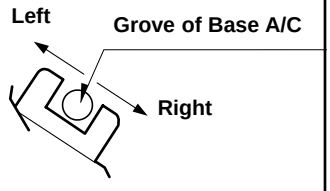


Fig. C-5-4

6. X-distance Adjustment

Purpose of adjustment : To maintain compatibility with other VCR (VCP).

Fixtures and tools used	Connection position	VCR (VCP) status	Adjustment position
• Oscilloscope • Standard test tape (only for SP) • Driver (+) Type Ø 4	• CH-1: PB RF Envelope • CH-2: NTSC ; SW 30Hz PAL:SW 25Hz • Head switching output point • RF Envelope output point	• Play the standard test tape.	

Adjustment Procedure

1) After releasing the auto tracking, lightly turn the fixing screw. Turn the (+) type driver (Ø 3 ~ Ø 4) on the X-distance adjusting hole to the right or left. Adjust the RF envelope level to the maximum point and then fix the fixing screws.
2) For the 31mm head, adjust it with the SP tape recorded in the width of 31mm since the head travels on the tape track only for SP with the width of 58mm.

Connection Diagram

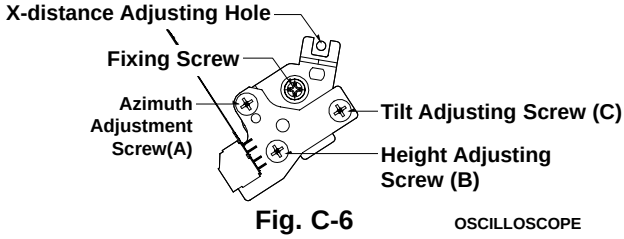
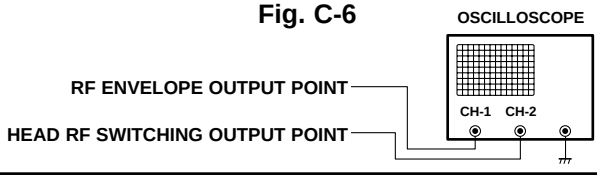


Fig. C-6



DECK MECHANISM ADJUSTMENT

7. Adjustment after Drum Assembly (Video Heads)

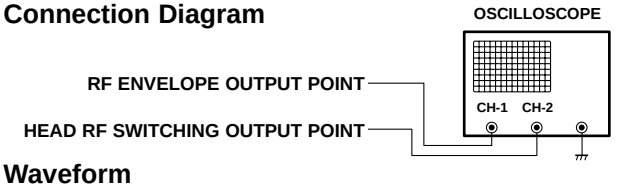
Purpose of adjustment : To adjust and stabilize the height change, X-distance change, etc depending on the guide roller after assembling the drum.

Fixtures and tools used	Connection position	VCR (VCP) status	Adjustment position
• Oscilloscope • Standard test tape (only for SP) • Post Height Adjusting Driver • Driver (+) Type Ø 5	• CH-1: PB RF Envelope • CH-2: NTSC : SW 30Hz PAL:SW 25Hz • Head switching output point • RF Envelope output point	• Play the blank tape. • Play the standard test tape.	• Fine adjustment of guide roller • Switching Point • Tracking Preset • X-distance

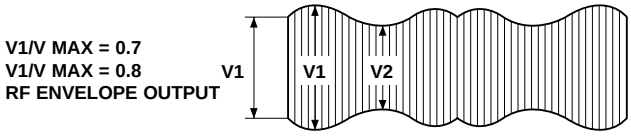
Checking/Adjustment Procedure

1) Play the blank tape (empty tape) and check whether the guide roller crumbles or wrinkles the tape and adjust it if necessary.
2) Check that the RF envelope output waveform is flat, and adjust the height of the guide roller while playing the standard test tape.
3) Adjust the switching point.
4) Check the RF envelope output is the maximum when the tracking control locates at the center. If not maximum, set up to ensure that RF envelope output becomes the maximum by turning the (+) type driver (Ø 3 ~ Ø 4) on the base A/C groove.

Connection Diagram



Waveform



8. Check of Traveling Device after Deck Assembly

8-1. Audio, RF Normalization Time (Locking Time) Check in Play after CUE or REV

Fixtures and tools used	Measuring standard	Connection position	VCR (VCP) status
• Oscilloscope • 6H 3KHz Color Bar Standard Test tape • Stop Watch	• RF Locking Time: Within 5 seconds • Audio Locking Time : Within 10 seconds	• CH-1: PB RF Envelope • CH-2: Audio output • RF Envelope output point • Audio output jack	• Play the 6H 3KHz Color Bar Standard Test tape.

Checking Procedure

1) Check that locking time of the RF and Audio waveform is fallen within the measuring standard in conversion of the play mode from the CUE or the REV mode.
2) Readjust the paragraph 5 and 6 if it deviates from the standard.

8-2. Check of Tape Curl and Jam Status

Fixtures and tools used	Fixtures and tools used	Fixtures and tools used
• T-160 Tape • T-120 Tape	• There must be no jam or curl at the first, middle and end position of tape.	• Travel the tape at the position of its first and end.

Checking Procedure

1) Check there is no abnormality of every traveling post status.
2) There must be no abnormal operation of the counter in occurrence of folding of the bottom tape. There must be not abnormality of audio signal in damage of the top tape.
3) If there is abnormality, readjust the adjustment paragraph 4 and 5.

1. Checking Points prior to Repair

Following abnormal phenomena may be repaired by removal of foreign materials and oil supply. Check oiling is required at the checking set or cleaning status is complete. Determine that necessity of checking and repair the set exists after checking the using period of the set together with the user. In this case, followings must be checked:

Phenomena	Checking Points and Cause	Replace-ment
Color beat	Pollution of Full-Erase Head	o
S/N, Color Faded	Pollution of Video Head	o
Horizontal, Vertical Jitte	Pollution of Video Head or Tape Transport System	o
Poor Sound, Low Sound	Pollution of Audio/Control Head	o
No tape wound or tape wound loosely. FF or REW impossible, or slow turning	Pollution of Pinch Roller or Belt Capstan Belt	o
Tape loosely wound in REV or Unloading	Deterioration of Clutch Assembly D37 Torque	o
	Pollution of Drum and Traveling Device	Fig. C-9-3

CAUTIONS

If operation of the position with (O) mark is abnormal even after removing cause, replace it with substitute product since it shows damage or wearing.

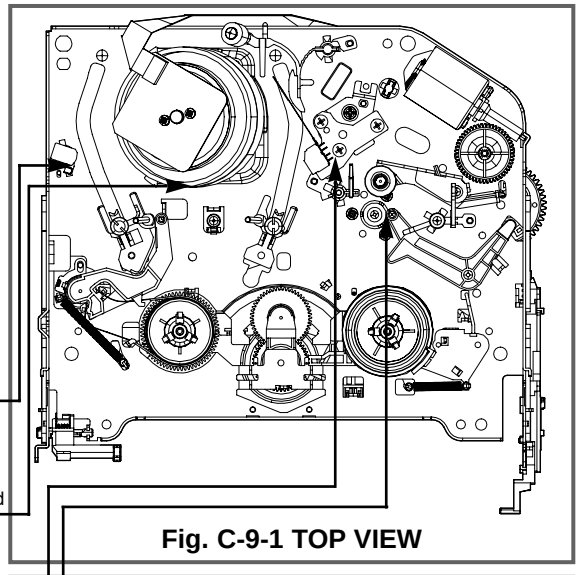


Fig. C-9-1 TOP VIEW

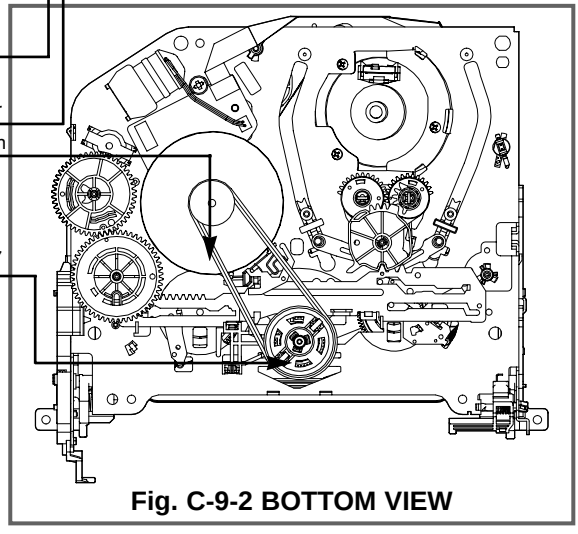


Fig. C-9-2 BOTTOM VIEW

*** No. (1) ~ (12) shows sequence that the tape moves from the supply reel to the take-up reel.)**

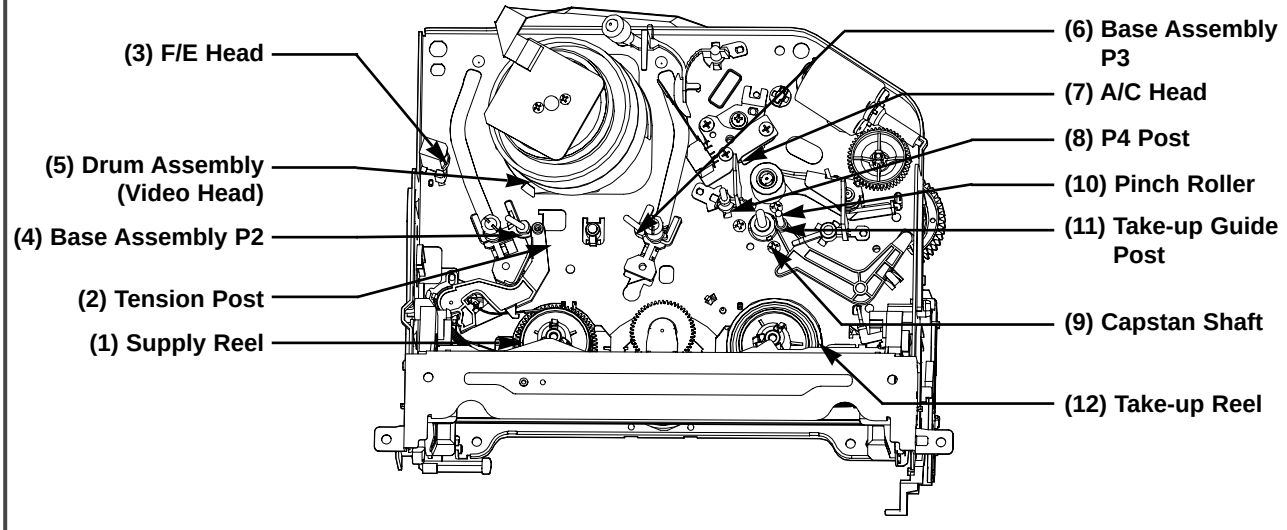


Fig. C-9-3 Tape Transport System

2. Essential Check and Repair

Recording density of the video is far higher than the audio. Therefore video parts are very precise so as to allow only error of 1/1000mm or so in order to maintain compatibility with other videos.
If one of these parts is polluted or old, same phenomena will appear as they are damaged.
To maintain clear screen, regular check, replacement of old and damaged parts and oil supply, etc are essential.

3. Regular Check and Repair

Check and repair schedule is not constant since they vary depending on method that the consumer uses video and environment where the video is installed at.
However, for the video used by common household, good screen will be maintained if regular check and repair per 1,000 hour is performed. The following chart shows relationship between using time and checking time:

Table 1

Time Requiring Checking / Average hours used per day	About 1 year	About 18 months	About 3 years
One hour	■	■	■
Two hours	■	■	
Three hours	■		

4. Tools for Check and Repair

(1) Grease: Floil G-3114 (KANTO) or equivalent grease (Green)
(2) Grease: Kanto G-754, PL-433 (Yellow)
(3) Alcohol (Isopropyl Alcohol)
(4) Cleaning Patch (cloth)

5. Maintenance Process

5-1) Removal of Foreign Material

(1) Removal of foreign material from video head (Fig. C-9-4)
Firstly try to use a cleaning tape.
Use a cleaning patch if foreign materials are not removed with the cleaning tape due to severe dirty of the head. Soak the cleaning patch in alcohol and put it to the head tip. Smoothly turn the drum (turning cylinder) to the right or left (In this case, the cleaning patch must not be moved vertically).
After completely drying the head, test the traveling status of the tape.
If alcohol (Isopropyl Alcohol) remains at the video head, the tape may be damaged when this solution touches with the head surface.

Never use a cloth bar (commercial sale)

(2) Wipe the tape transport system and the drive system with the cleaning patch soaked in alcohol (Isopropyl Alcohol) when removing foreign materials from them.
1) The part touched with the traveling tape is called as tape transport system. The drive system consists of parts to travel the tape.
2) Care must be exercised so that unreasonable force to change the pattern will be applied to the tape transport system during removal of foreign materials.

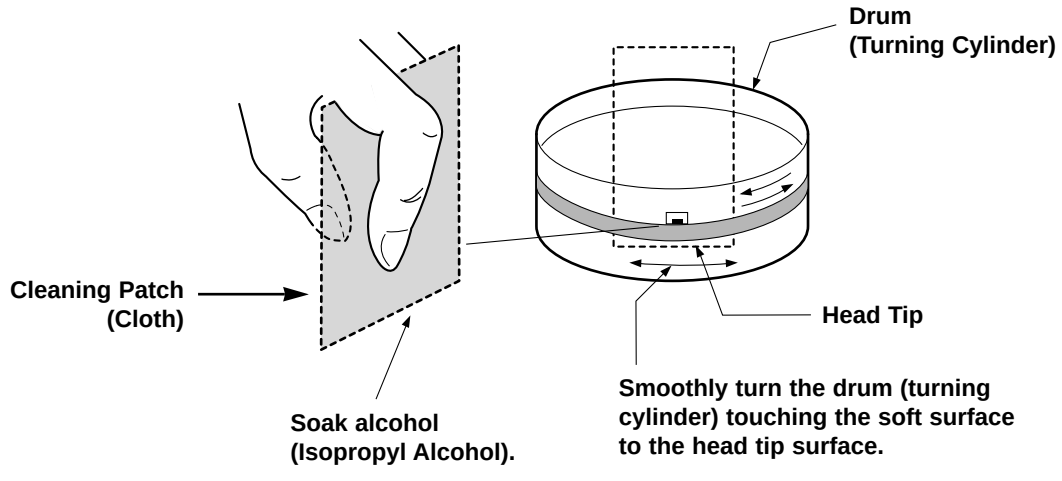


Fig. C-9-4

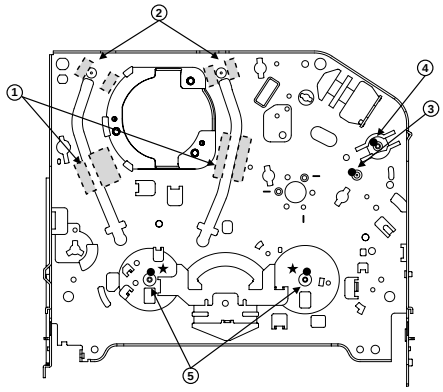
5-2) Grease Applications

(1) Grease Application Method

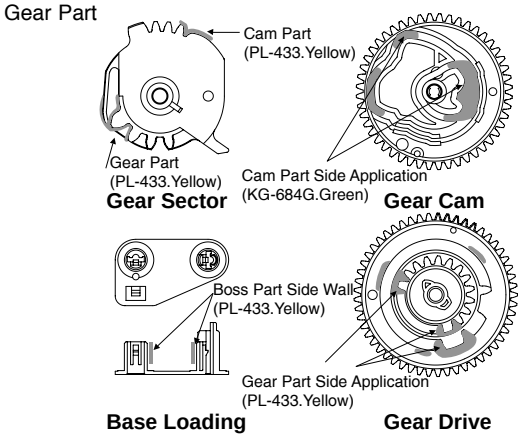
Apply grease by using a cloth swab or brush. Care must be exercised so that excess quantity should not be used. If the excessive quantity is applied, wipe it with the gauze soaked in alcohol (Isopropyl Alcohol).

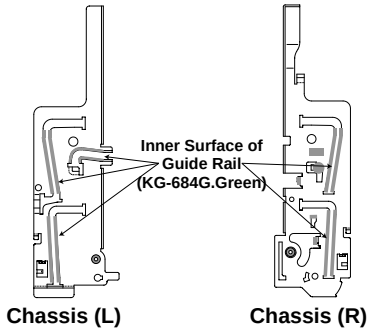
NOTE: POSITION OF GREASE APPLICATION

(1) Inner Side Surface and Top Surface of Loading Path
(2) Stable Adhesion Part of Base P2, P3
(3) Arm Pinch Shaft
(4) Gear Wheel Shaft
(5) Reel S. T. Shaft
(1) (2) (3) (4): KG-684G (Green)
(5): PL-433 (Yellow)



Chassis (TOP)

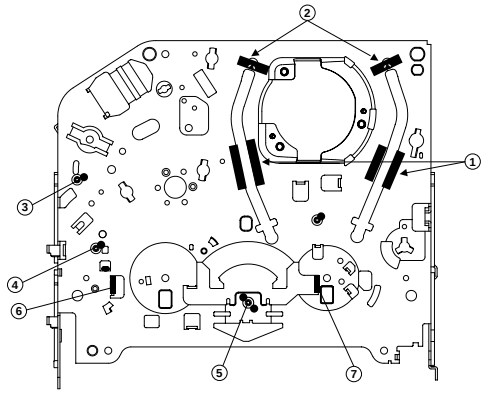




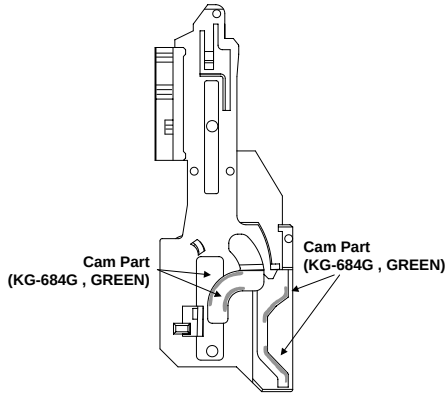
(2) Regular Grease Application

Apply grease to the designated application position every 500 hour.

(1) Inner Side Surface and Top Surface of Loading Path
(2) Stable Adhesion Part of Base P2, P3 Coil
(3) Gear Cam Shaft
(4) Gear Drive Shaft
(5) Clutch Shaft Groove
(6) Guide Part on the Plate Slider Side Wall (Left)
(7) Guide Part on the Plate Slider Side Wall (Right)
(1) (2) (3) (4) (5) (6) (7): KG-684G (Green)



Chassis (Bottom)



Gear Rack F/L

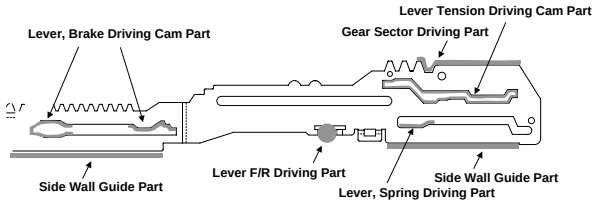
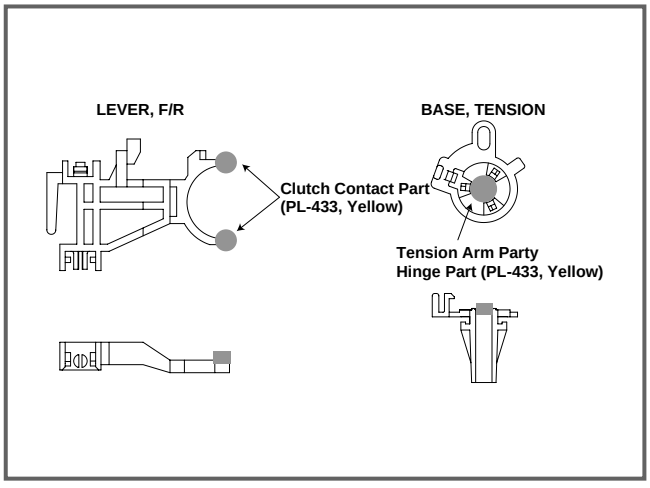
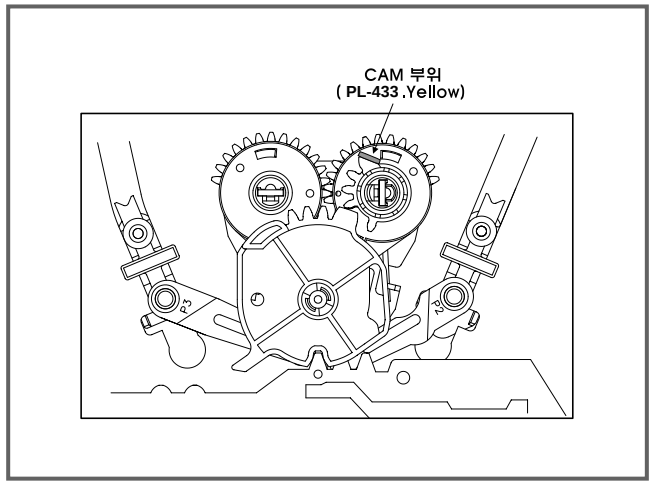

Lever, Brake Driving Cam Part
Lever Tension Driving Cam Part
Gear Sector Driving Part
Side Wall Guide Part
Lever F/R Driving Part
Side Wall Guide Part
Lever, Spring Driving Part

Plate Slider

Lever, F/R, Base, Tension



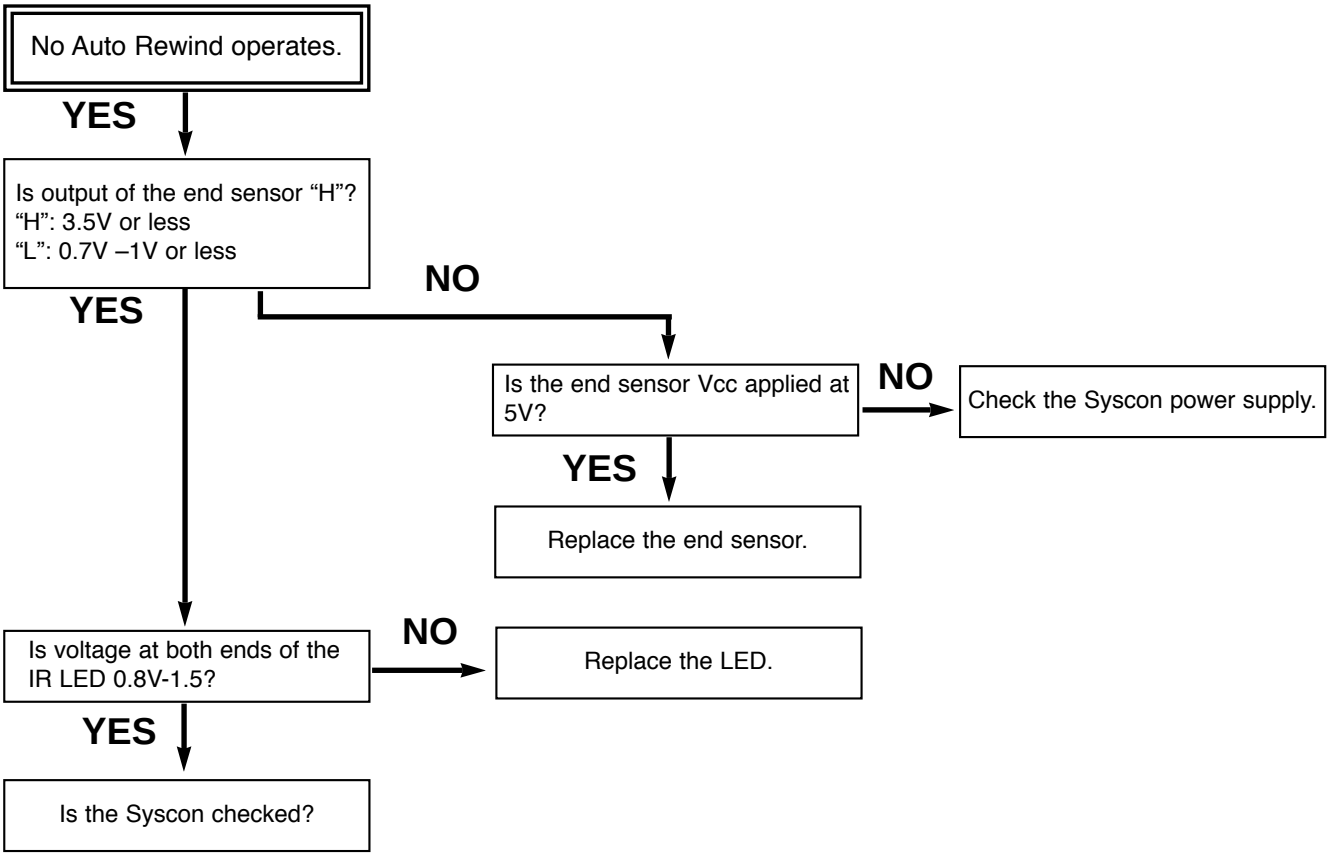
GEAR AY, P2 & P3



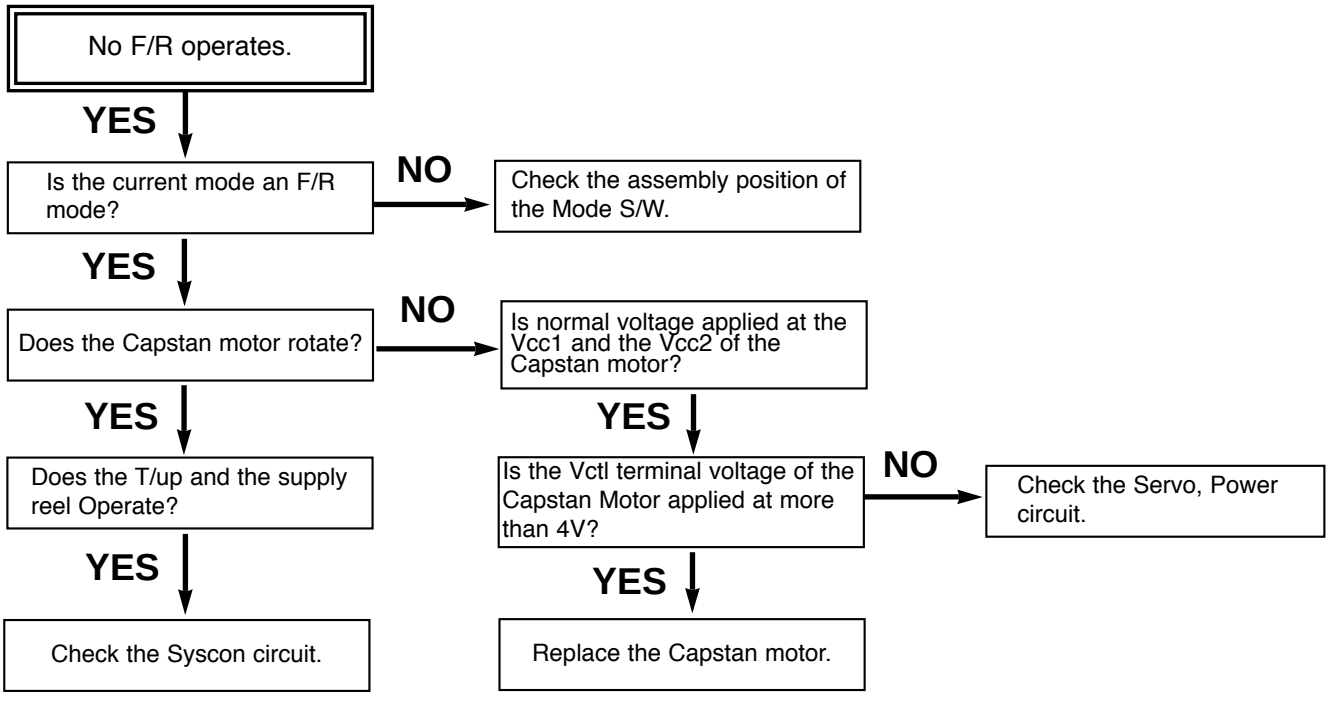
MECHANISM TROUBLESHOOTING GUIDE

1.Deck Mechanism

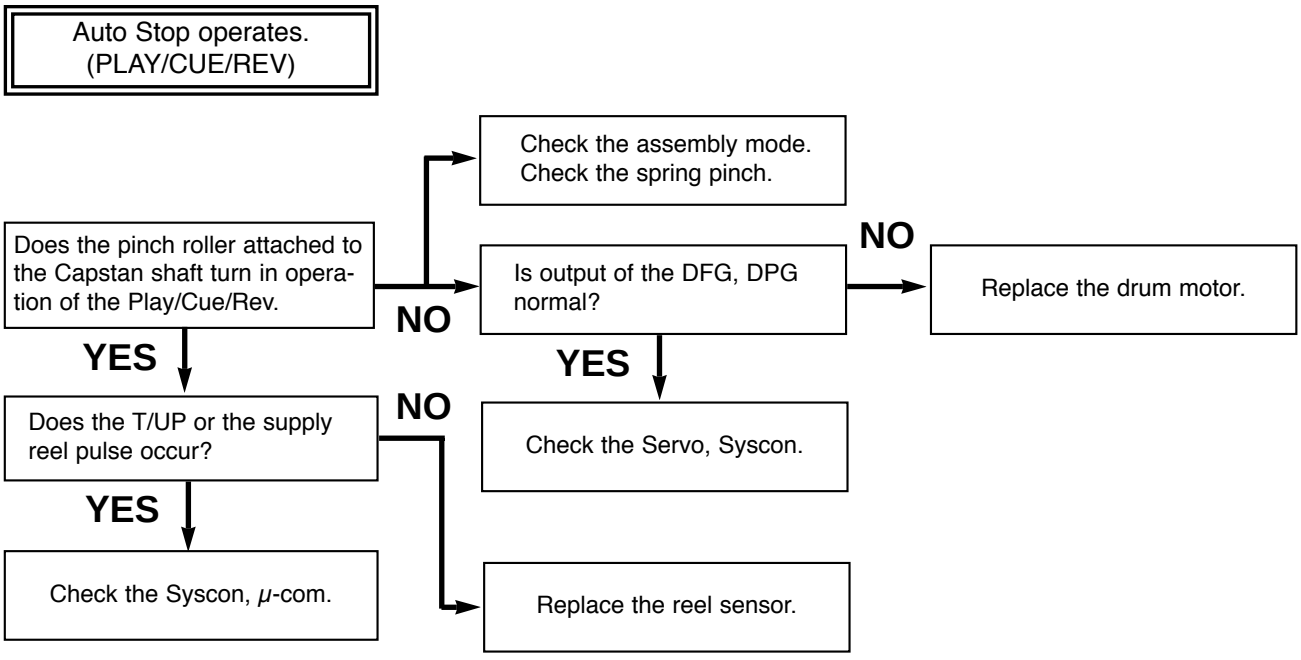
A.



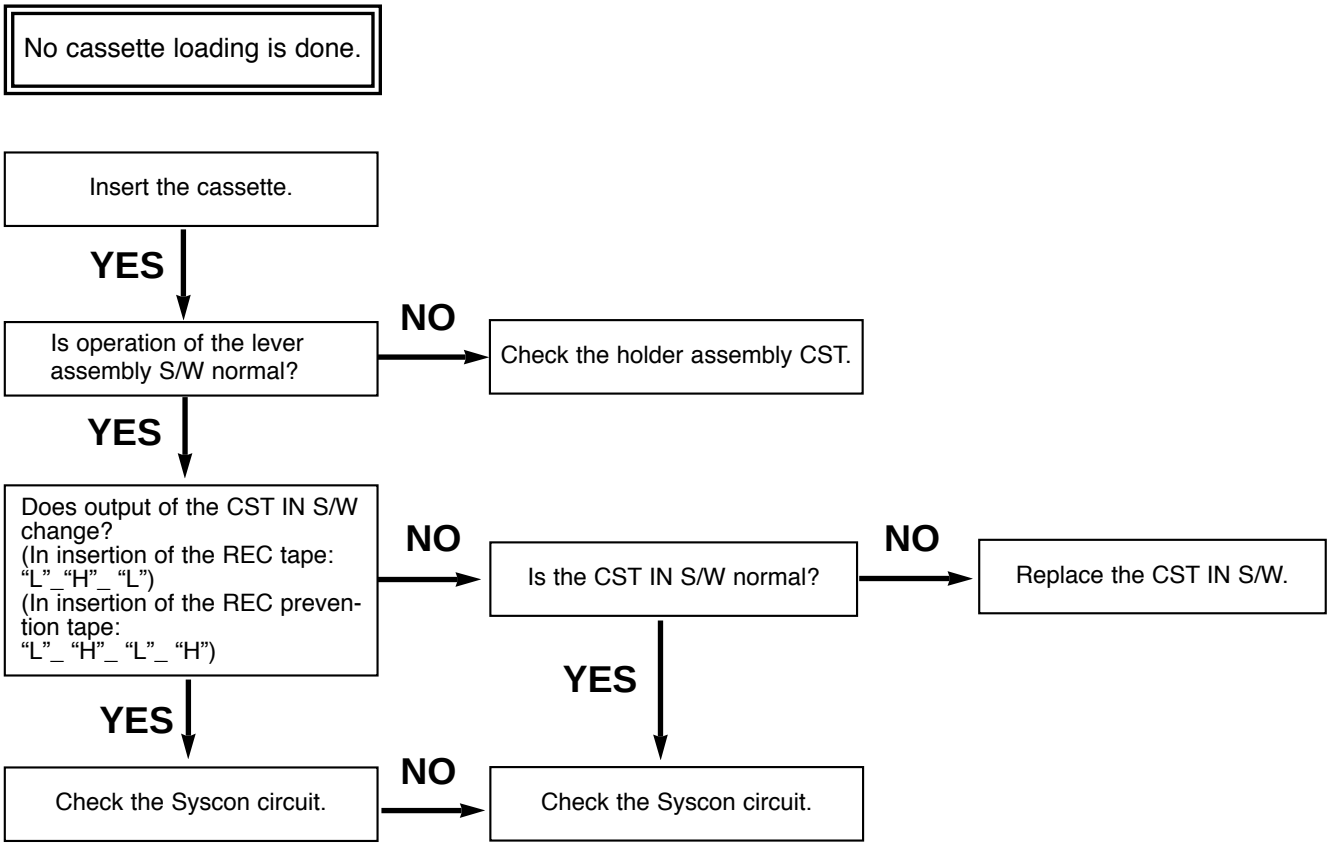
B.


No F/R operates.
YES
Is the current mode an F/R mode?
NO
Check the assembly position of the Mode S/W.
YES
Does the Capstan motor rotate?
NO
Is normal voltage applied at the Vcc1 and the Vcc2 of the Capstan motor?
YES
YES
Does the T/up and the supply reel Operate?
Is the Vctl terminal voltage of the Capstan Motor applied at more than 4V?
NO
Check the Servo, Power circuit.
YES
YES
Check the Syscon circuit.
Replace the Capstan motor.

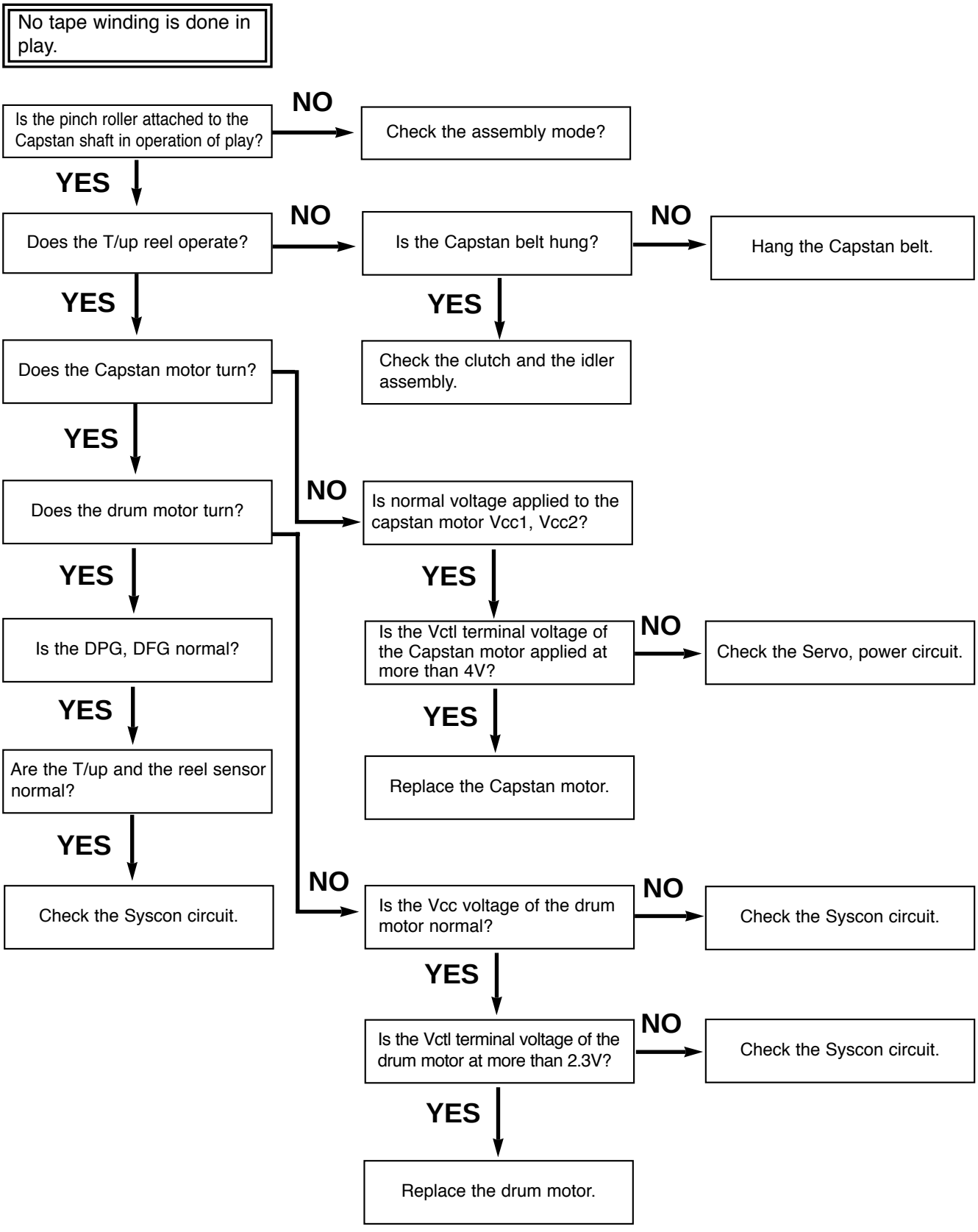
C.


Auto Stop operates.
(PLAY/CUE/REV)
Does the pinch roller attached to the Capstan shaft turn in operation of the Play/Cue/Rev.
NO
Check the assembly mode.
Check the spring pinch.
Is output of the DFG, DPG normal?
NO
Replace the drum motor.
YES
YES
Does the T/UP or the supply reel pulse occur?
NO
Check the Servo, Syscon.
YES
Check the Syscon, μ-com.
Replace the reel sensor.

D.

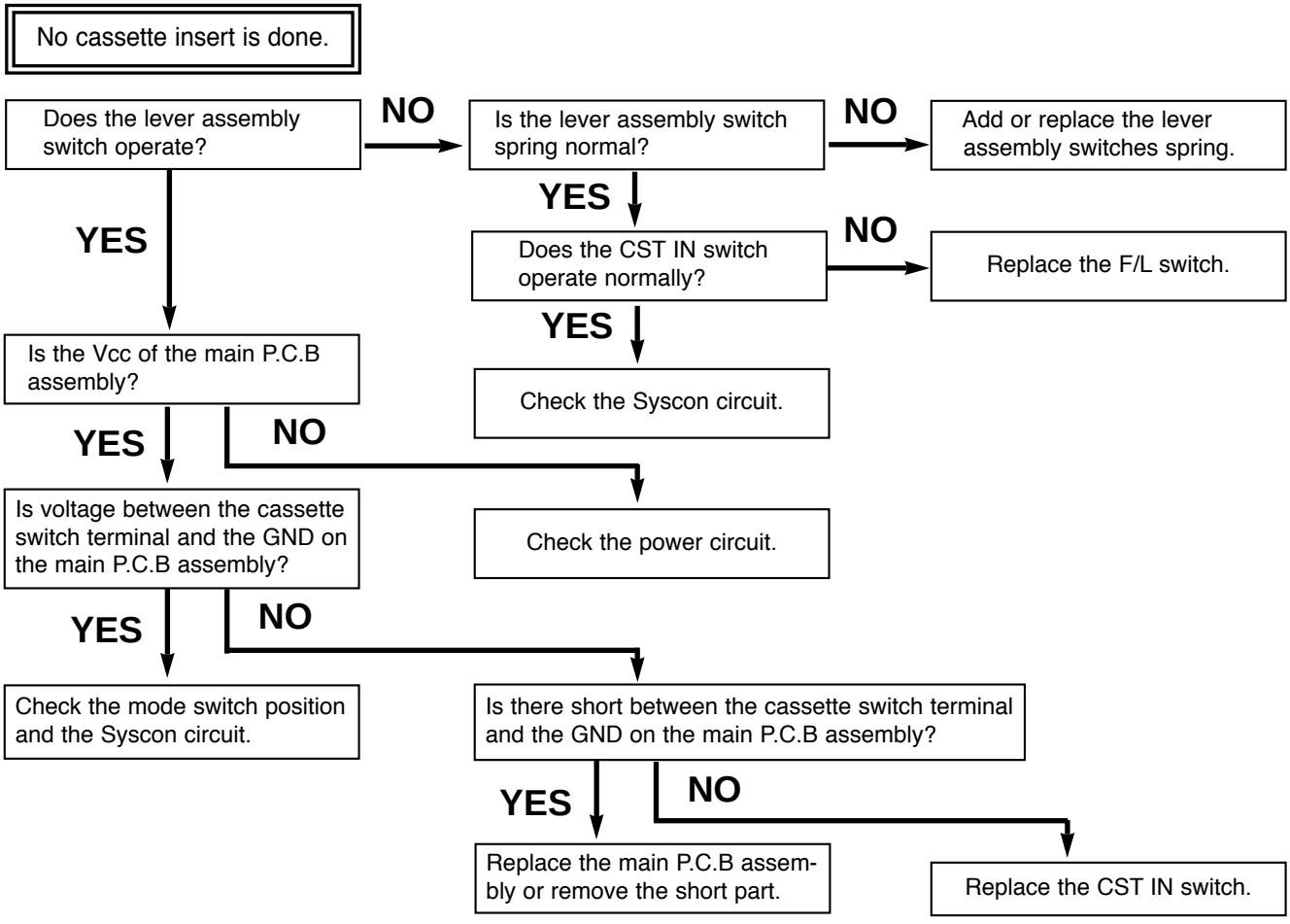

No cassette loading is done.
Insert the cassette.
YES
Is operation of the lever assembly S/W normal?
NO
Check the holder assembly CST.
YES
Does output of the CST IN S/W change?
(In insertion of the REC tape:
"L"_"H"_ "L")
(In insertion of the REC prevention tape:
"L"_ "H"_ "L"_ "H")
NO
Is the CST IN S/W normal?
NO
Replace the CST IN S/W.
YES
YES
Check the Syscon circuit.
NO
Check the Syscon circuit.

E.

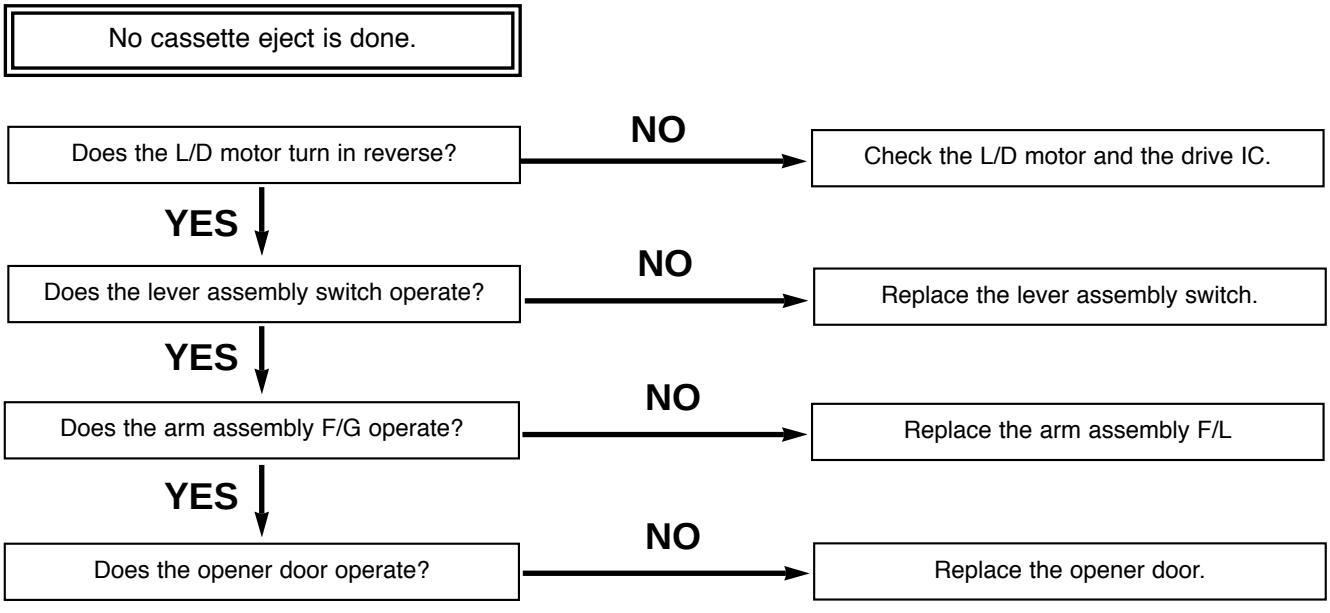

No tape winding is done in play.
Is the pinch roller attached to the Capstan shaft in operation of play?
NO
Check the assembly mode?
YES
Does the T/up reel operate?
NO
Is the Capstan belt hung?
NO
Hang the Capstan belt.
YES
YES
Check the clutch and the idler assembly.
Does the Capstan motor turn?
YES
Does the drum motor turn?
NO
Is normal voltage applied to the capstan motor Vcc1, Vcc2?
YES
YES
Is the DPG, DFG normal?
Is the Vctl terminal voltage of the Capstan motor applied at more than 4V?
NO
Check the Servo, power circuit.
YES
YES
Are the T/up and the reel sensor normal?
Replace the Capstan motor.
YES
NO
Check the Syscon circuit.
Is the Vcc voltage of the drum motor normal?
NO
Check the Syscon circuit.
YES
Is the Vctl terminal voltage of the drum motor at more than 2.3V?
NO
Check the Syscon circuit.
YES
Replace the drum motor.

2. Front Loading Mechanism

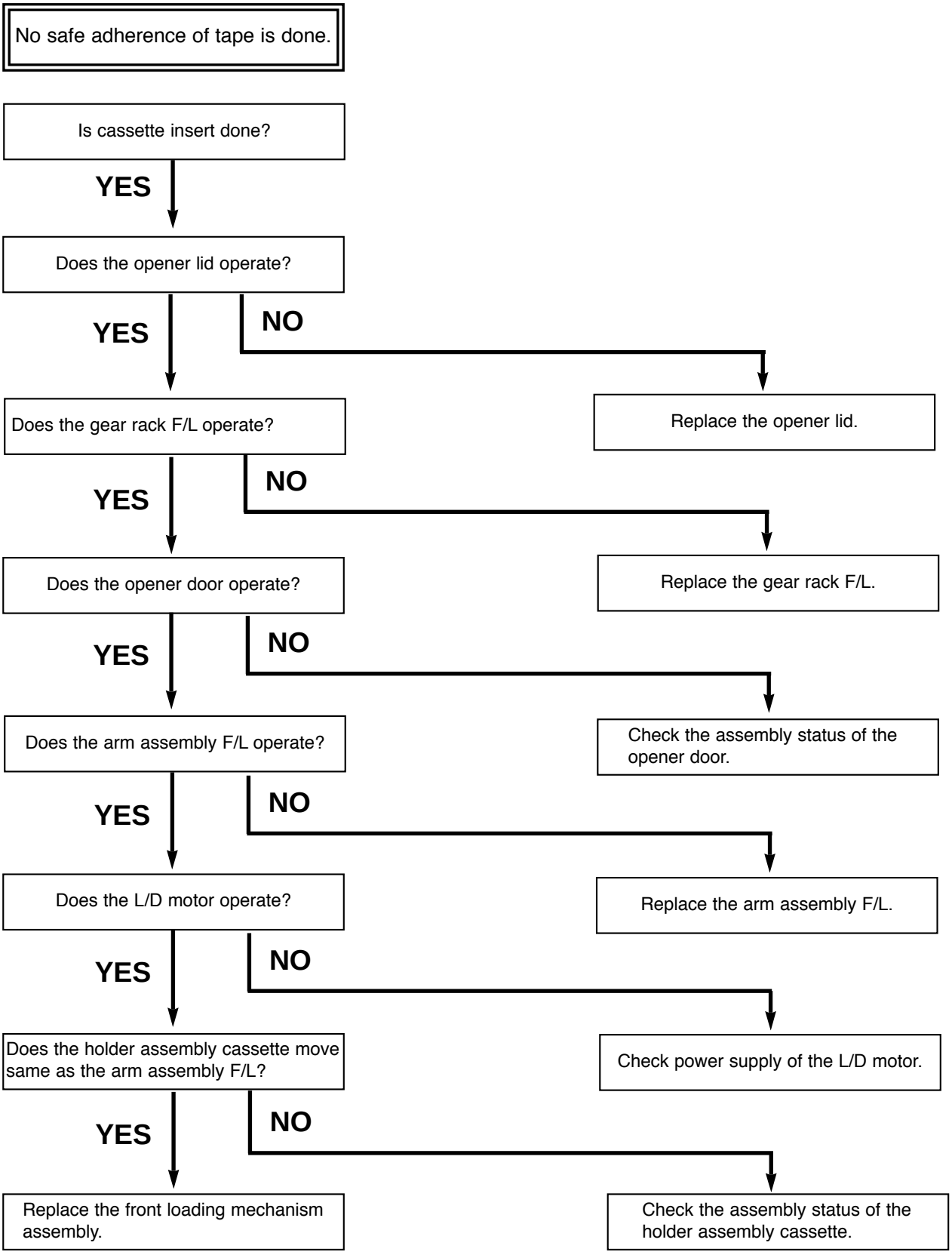
A.


No cassette insert is done.
Does the lever assembly switch operate?
NO
Is the lever assembly switch spring normal?
NO
Add or replace the lever assembly switches spring.
YES
YES
Does the CST IN switch operate normally?
NO
Replace the F/L switch.
YES
Is the Vcc of the main P.C.B assembly?
Check the Syscon circuit.
YES
NO
Is voltage between the cassette switch terminal and the GND on the main P.C.B assembly?
Check the power circuit.
YES
NO
Check the mode switch position and the Syscon circuit.
Is there short between the cassette switch terminal and the GND on the main P.C.B assembly?
YES
NO
Replace the main P.C.B assembly or remove the short part.
Replace the CST IN switch.

B.

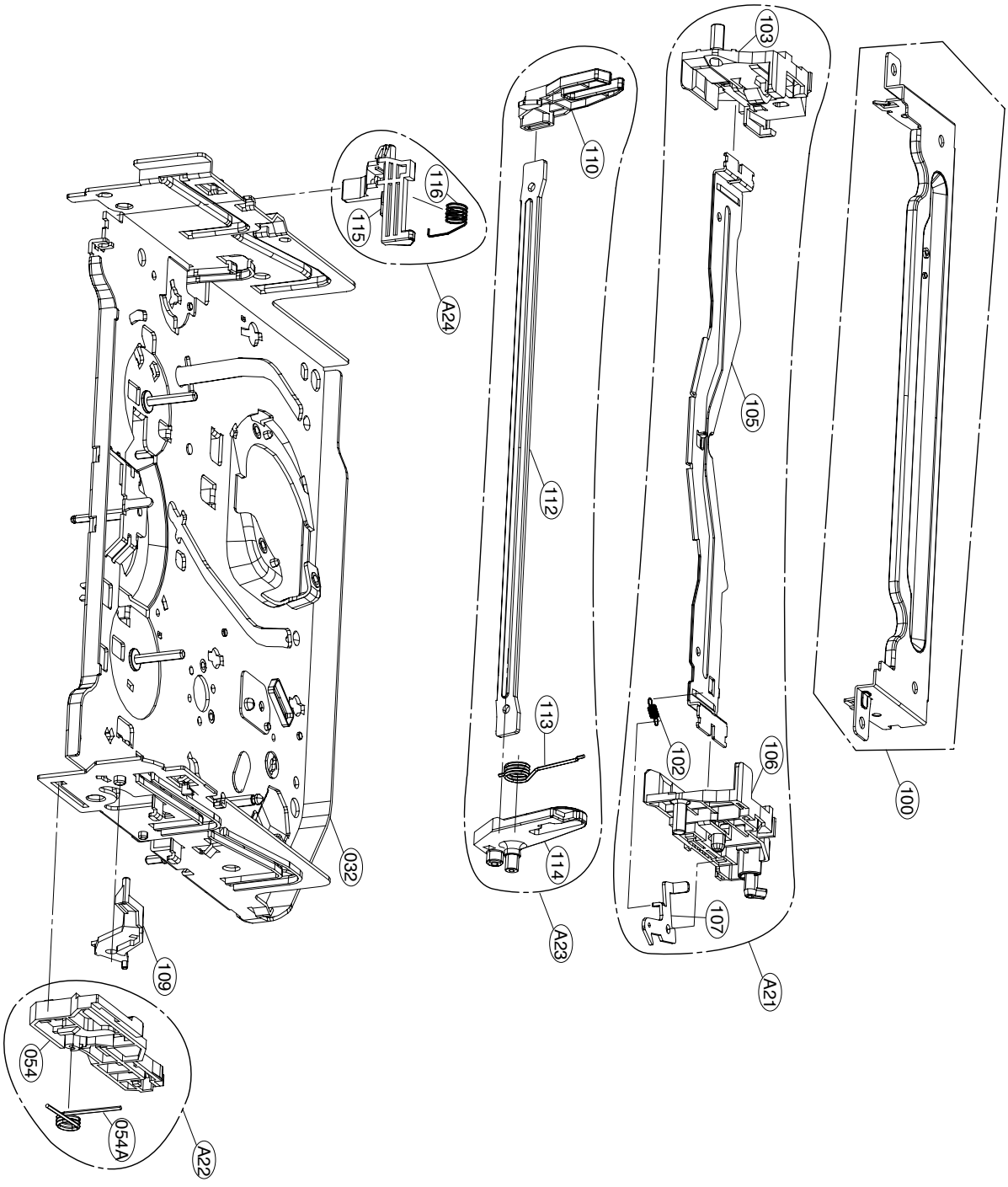


C.


No safe adherence of tape is done.
Is cassette insert done?
YES
Does the opener lid operate?
YES
NO
Replace the opener lid.
Does the gear rack F/L operate?
YES
NO
Replace the gear rack F/L.
Does the opener door operate?
YES
NO
Check the assembly status of the opener door.
Does the arm assembly F/L operate?
YES
NO
Replace the arm assembly F/L.
Does the L/D motor operate?
YES
NO
Check power supply of the L/D motor.
Does the holder assembly cassette move same as the arm assembly F/L?
YES
NO
Check the assembly status of the holder assembly cassette.
Replace the front loading mechanism assembly.

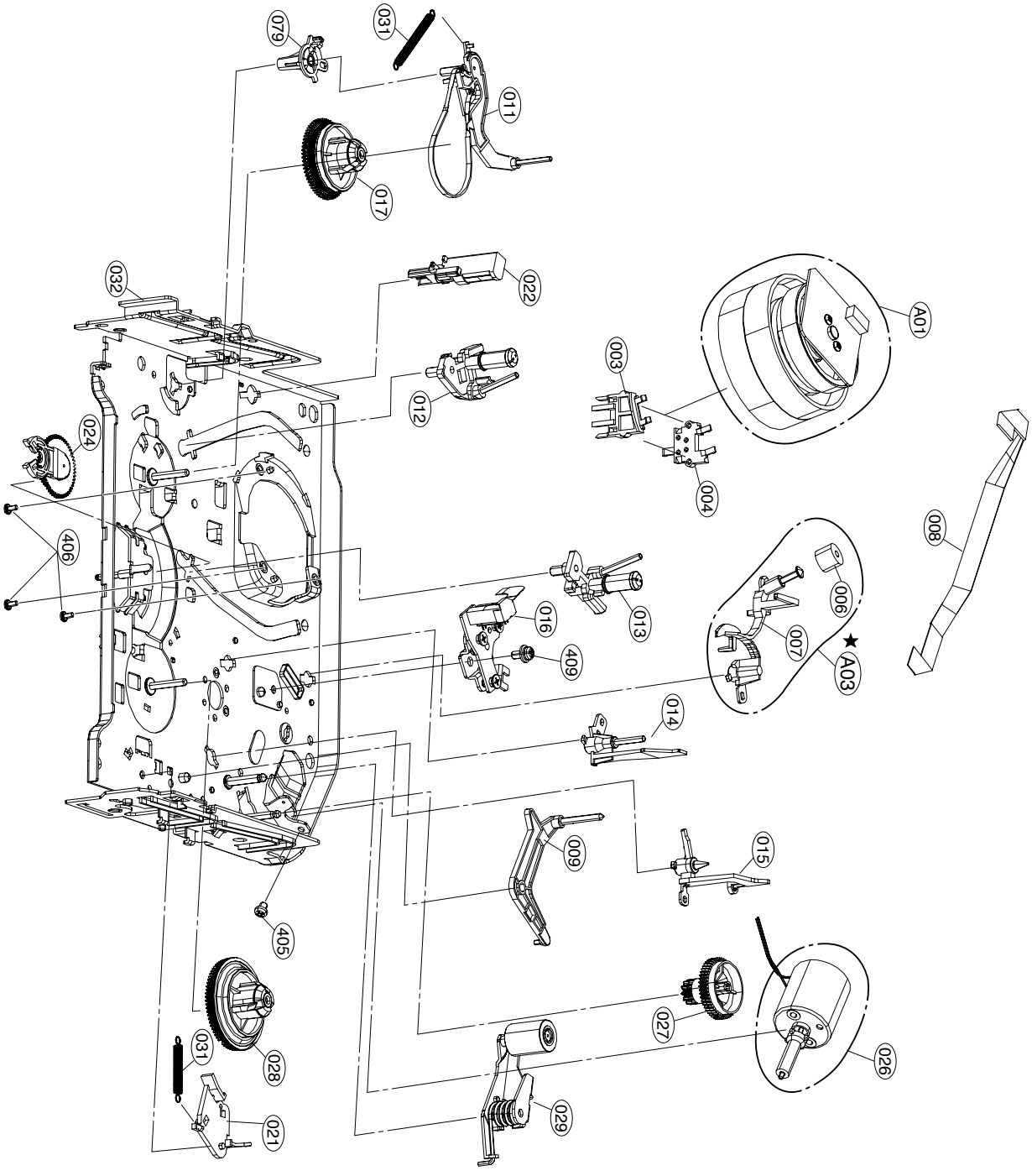
EXPLODED VIEWS

1. Front Loading Mechanism Section

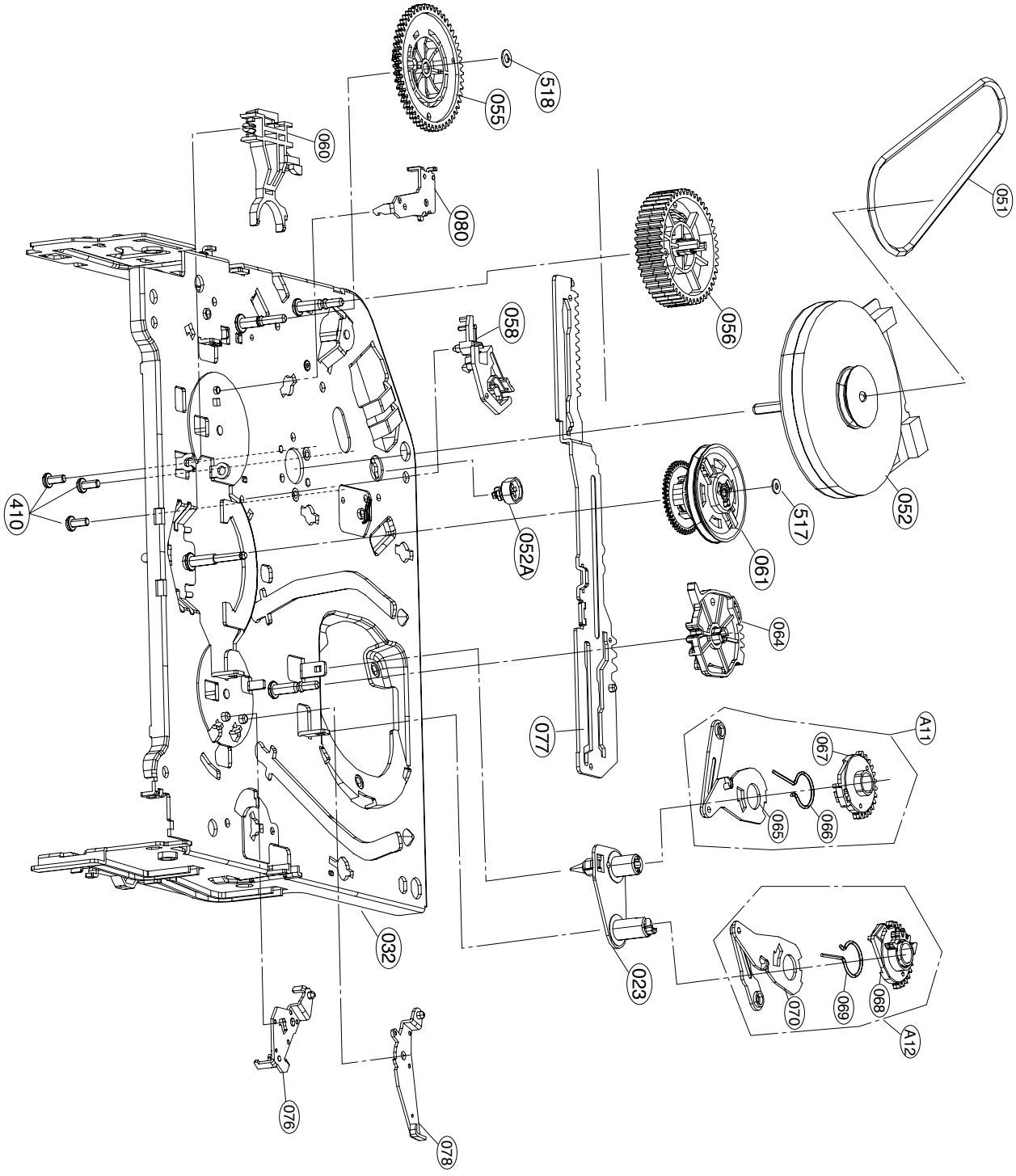


2. Moving Mechanism Section (1)

★ OPTIONAL PART



3. Moving Mechanism Section (2)



MEMO

SECTION 5 MECHANISM OF DVD PART

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- **Top View(without Tray Disc) 5-1**
- **Bottom View 5-1**

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1-1-2. Magnet Clamp 5-2
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4. Rubber Rear.....5-3

5. Frame Assembly Up/Down 5-4
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8. Gear Loading 5-4
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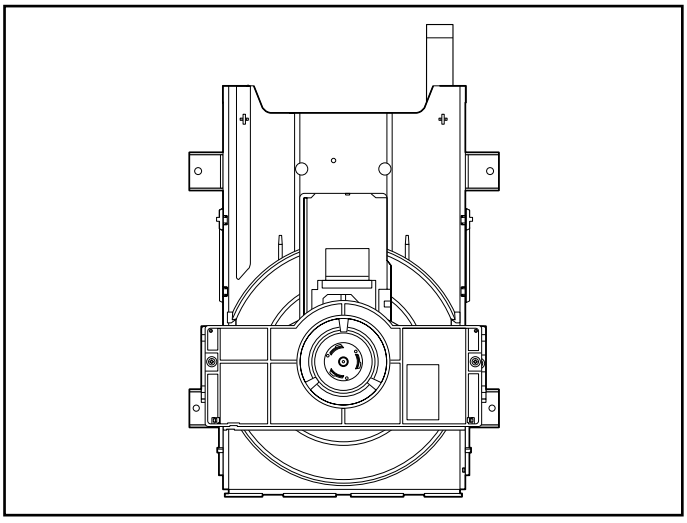
EXPLODED VIEW

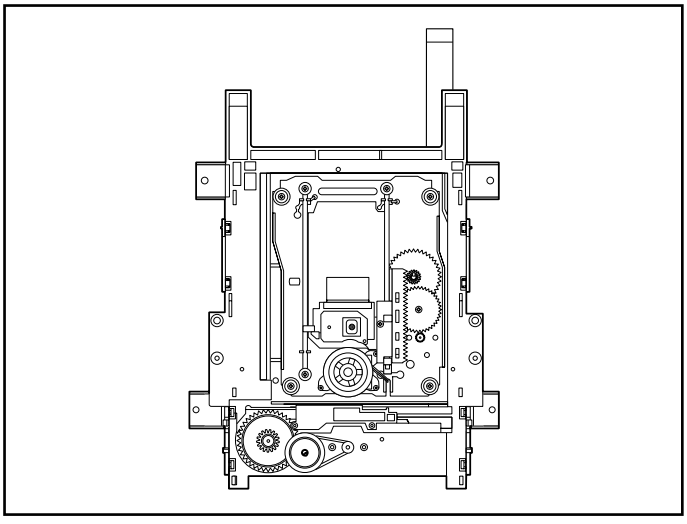
1. Deck Mechanism Exploded View....5-5

DECK MECHANISM PARTS LOCATION

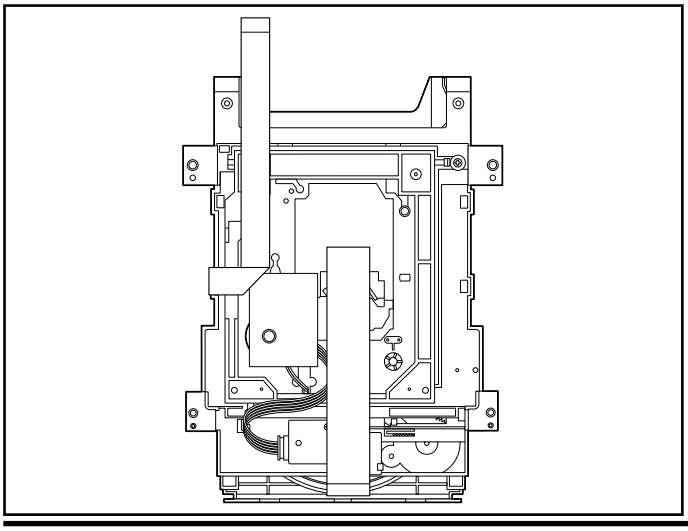
• Top View (With Tray)



• Top View (Without Tray)



• Bottom View



Procedure Starting No.		Parts	Fixing Type	Disassembly	Figure
	1	Holder Clamp	2 Screws, 2 Locking Tabs		5-1
1	2	Clamp Assembly Disc			5-1
1, 2	3	Plate Clamp			5-1
1, 2, 3	4	Magnet Clamp			5-1
1, 2, 3, 4	5	Clamp Upper			5-1
1	6	Tray Disc			5-2
1, 6	7	Base Assembly Sled	4 Screws,		5-3
1, 2, 6	8	Gear Assembly Feed			5-3
1, 2, 6, 8	9	Gear Middle			5-3
1, 2, 6, 8, 9	10	Gear Assembly Rack	1 Screw		5-3
1, 2, 7	11	Rubber Rear			5-3
1, 2, 7	12	Frame Assembly Up/Down	1 Screw	Bottom	5-4
1, 2	13	Belt Loading	1 Locking Tab		5-4
1, 2 ,13	14	Gear Pulley			5-4
1, 2, 13, 14	15	Gear Loading	1 Locking Tab		5-4
1, 2, 7, 12, 13, 14	16	Guide Up/Down			5-4
1, 2, 13	17	PWB Assembly Loading	1 Locking Tab 1 Hook 2Screw	Bottom	5-4
1, 2, 7, 12, 13, 14, 15, 16, 17	18	Base Main			5-4

Note

When reassembling, perform the procedure in reverse order.

The “Bottom” on Disassembly column of above Table indicates the part should be disassembled at the Bottom side.

DECK MECHANISM DISASSEMBLY

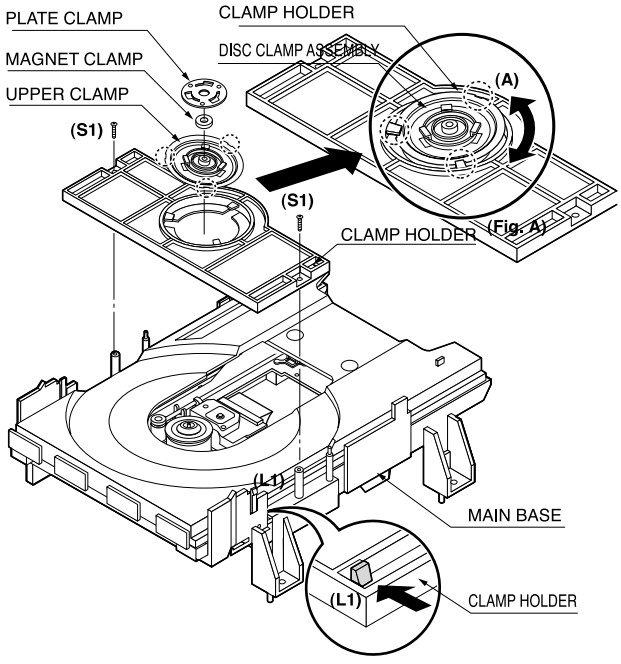


Fig. 5-1

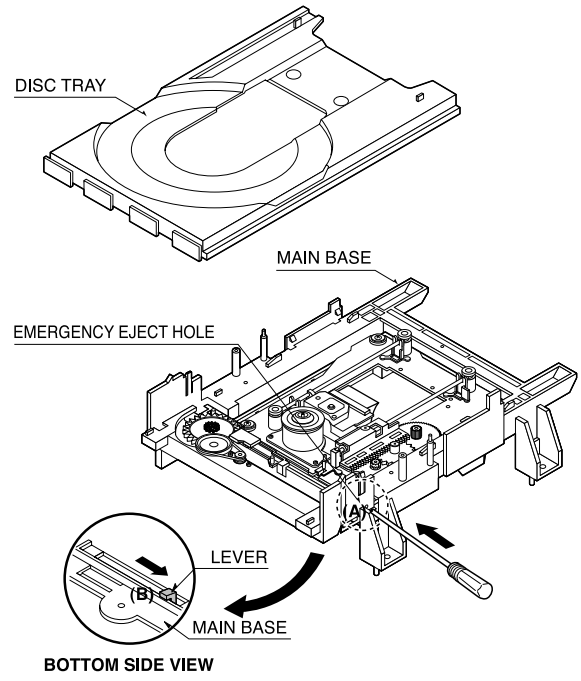


Fig. 5-2

1. Holder Clamp (Fig. 5-1)

1) Release 2 Screws(S1).
2) Unhook 2 Locking Tabs(L1).
3) Lift up the Holder Clamp and then separate it from the Base Main.

1-1. Clamp Assembly Disc

1) Place the Clamp Assembly Disc as Fig. (A)
2) Lift up the Clamp Assembly Disc in direction of arrow(A).
3) Separate the Clamp Assembly Disc from the Holder Clamp.

1-1-1. Plate Clamp

1) Turn the Plate Clamp to counterclockwise direction and then lift up the Plate Clamp.

1-1-2. Magnet Clamp

1-1-3. Clamp Upper

2. Tray Disc (Fig. 5-2)

1) Insert and push a Driver in the emergency eject hole(A) at the right side, or put the Driver on the Lever(B) of the Gear Emergency and pull the Lever(B) in direction of arrow so that the Tray Disc is ejected about 15~20mm.
2) Pull the Tray Disc until it is separated from the Base Main completely.

DECK MECHANISM DISASSEMBLY

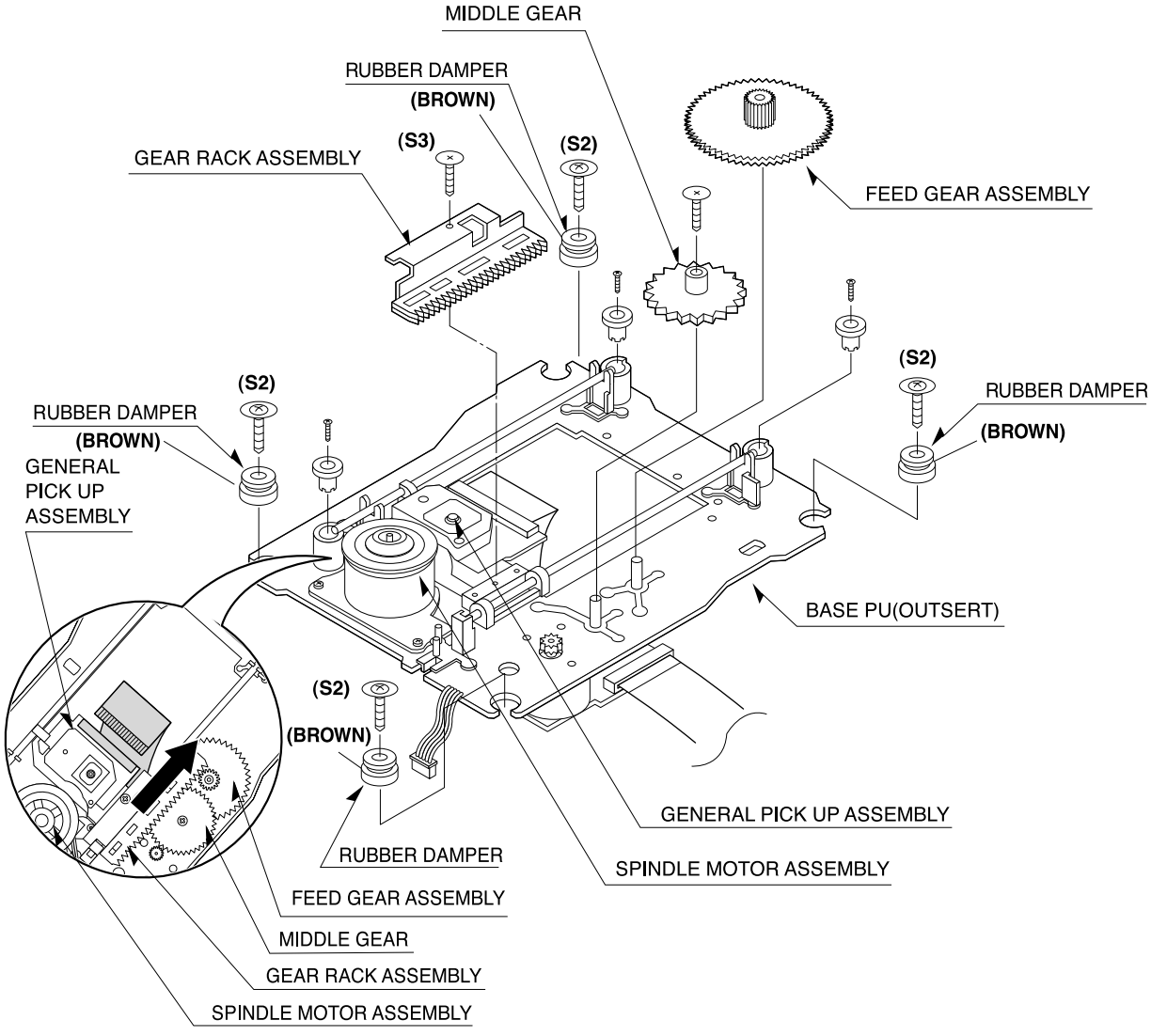


Fig. 5-3

3. Base Assembly Sled (Fig. 5-3)

1) Release 4 Screw(S2).
2) Disconnect the FFC Connector(C1)

3-1. Gear Assembly Feed

3-2. Gear Assembly Middle

3-3. Gear Assembly Rack

1) Release the Scerw(S3)

4. Rubber Rear (Fig. 5-3)

DECK MECHANISM DISASSEMBLY

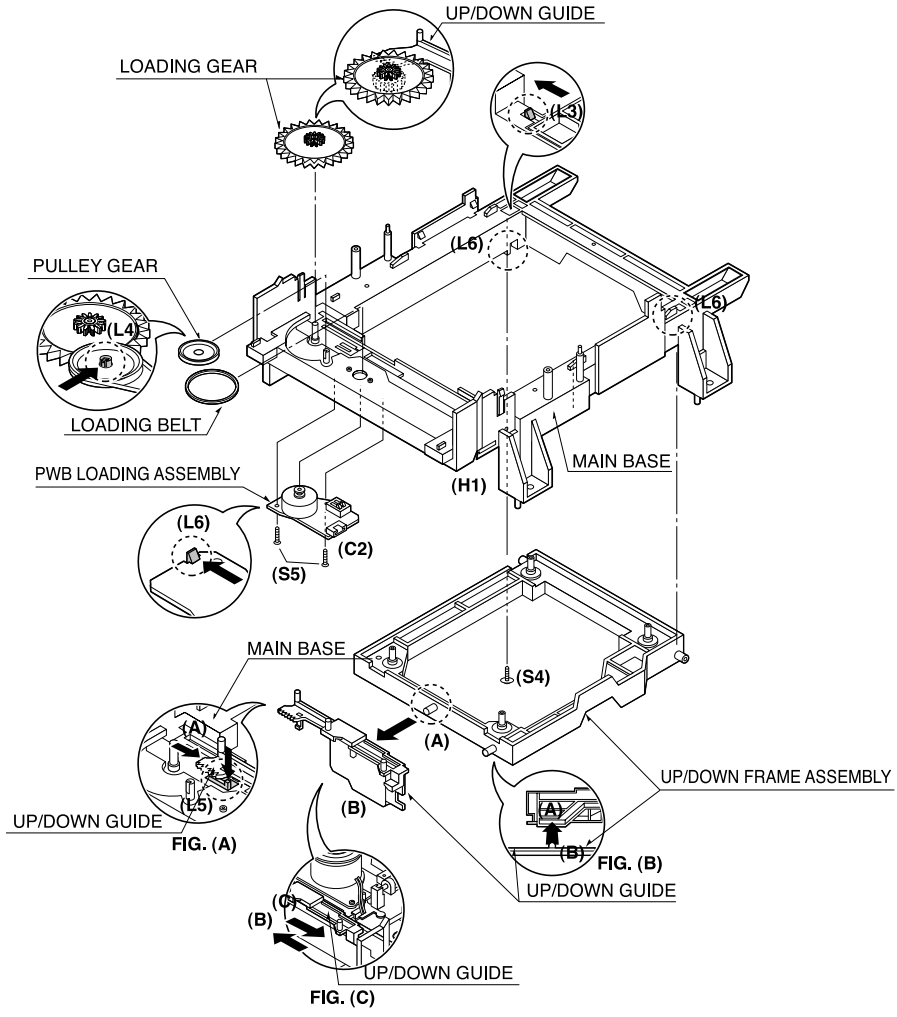


Fig. 5-4

5. Frame Assembly Up/Down (Fig. 5-4)

Note

Put the Base Main face down(Bottom Side)

1) Release the Screw(S4)
2) Unlock the Locking Tab(L3) in direction of arrow and then lift up the Frame Assembly Up/Down to separate it from the Base Main.

Note

- When reassembling move the Guide Up/Down in direction of arrow(C) until it is positioned as Fig.(C).
- When reassembling insert (A) portion of the Frame Assembly Up/Down in the (B) portion of the Guide Up/Down as Fig.(B)

6. Belt Loading(Fig. 5-4)

Note

Put the Base Main on original position(Top Side)

7. Gear pulley (Fig. 5-4)

1) Unlock the Locking Tab(L4) in direction of arrow(B) and then separate the Gear Pulley from the Base Main.

8. Gear Loading (Fig. 5-4)

9. Guide Up/Down (Fig. 5-4)

1) Move the Guide Up/Down in direction of arrow(A) as Fig.(A)
2) Push the Locking Tab(L5) down and then lift up the Guide Up/Down to separate it from the Base Main.

Note

When reassembling place the Guide Up/Down as Fig.(C) and move it in direction arrow(B) until it is locked by the Locking Tab(L5). And confirm the Guide Up/Down as Fig.(A)

10. PWB Assembly Loading (Fig. 5-4)

Note

Put the Base Main face down(Bottom Side)

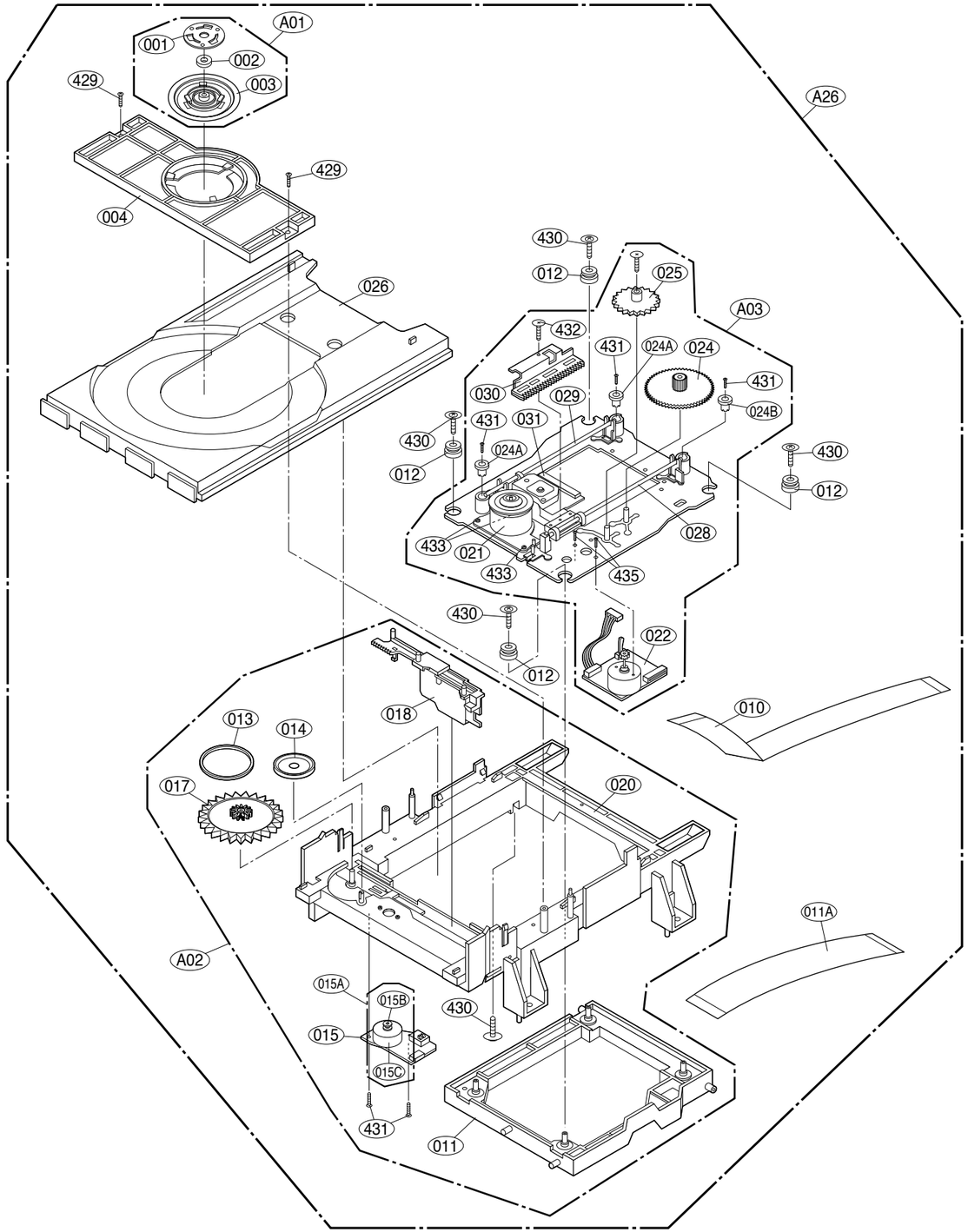
1) Release 2 Screws(S5)
2) Unlock the Loading Motor (C2) from the Hook (H1) on the Base Main.
3) Unlock 2 Locking Tabs(L6) and separate the PWB Assembly Loading from the Base Main.

11. Base Main(Fig. 5-4)

MEMO

EXPLODED VIEWS

1. Deck Mechanism Exploded View



5-5 5-6

MEMO

MEMO

NOTES) If you want to purchase Flash memory, you must order "IC6A1A"

NOTES) ⚠ Warning
Parts that are shaded are critical With respect to risk of fire or electricial shock.

SECTION 6 REPLACEMENT PARTS LIST

TOSHIBA MODEL : SD-24VL-S-TL

NSP : Not avallable as service parts.

RUN DATE : 05-MARCH-04

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		*** INDIVIDUAL PARTS ***					
		250	AF000340	3110R-V024B	CASE	VBW8024 PRESS TOP A288G B:3,S:	
		274	AF000351	3300R-V103A	PLATE	TOSHIBA PRESS JACK	
		276	AF000418	4930R-0471A	HOLDER	VCR ONE BOARD SLIM MOLD HF-380	
⚠		300	AF000445	6410RCHP02D	POWER CORD	HIT-102/H03VHH2-F (ST-HS:80MM)	
		457	79097907	353-051E	SCREW,DRAWING	SPECIAL (3X12)	
		462	AF000355	353-051K	SCREW,DRAWING	+ 2 D3.0 - MSWR3/FN L23.5 X13.	
		465	79097903	353-046K	SCREW,DRAWING	SPECIAL (3X10 B.K)	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		468	AF000354	353-051J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FN TB ROUN	
		*** PACKING ACCESSORY ***					
		801	AF000367	3835RV0004C	INSTRUCTION ASSEMBLY	VCR VBC8016P1K.NA3GTT TOSHIBA	
		802	AF000372	3890R-C124A	BOX	VBC8016P1K NA3GTT SWW3-A	
		803	AF000373	3920R-E104A	PACKING,CASING	V89/88 0.02 80 EPS 4 937 1984	
		804	79096262	292-053B	BAG	SOFT(MIDI)	NSP
		808	79096451	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
		806	AF000472	6850R-CAA2H	CABLE,COAXIAL	RF PAL DOUBLE SHIELD DT_HY_HIT	
		810	AF000479	6851R-0054B	CABLE ASSEMBLY	PAL RF 1.2M FREE OF CD_PB_HG H	
		*** REMOTE CONTROLLER ***					
		900	AF000092	6711R2N080E	REMOTE CONTROLLER ASSEMBLY	TOSHIBA VB602NPK NA3GTTC W/O S	
		*** PANEL ASSEMBLY , FRONT ***					
		A43	AF000365	3721R-F837B	PANEL ASSEMBLY,FRONT	VCR VBC8016P1K FRONT	
		280	AF000363	3720R-F774B	PANEL,VIDEO	VCR VBC8016P1K MOLD FRONT(SPOO	NSP
		283	AF000360	3580R-V099B	DOOR	VCR VBC8016P1K MOLD DOOR	
		284	79096419	442-681A	SPRING	DOOR	
		285	AF000357	3580R-T132B	DOOR	VCR VBC8016P1K MOLD TRAY(24VL)	
		286	AF000422	4970R-0146A	SPRING	PLATE DR4000 SPRING	
		*** CHASSIS ASSEMBLY ***					
		A44	AF000345	3141R-V017A	CHASSIS ASSEMBLY	D37 ONE BOARD SLIM COMBI	
		260	AF000349	3210R-V011B	FRAME	COMBI 3 MOLD HIPS 60HR BK	NSP
		261A	AF000430	5040H-1016U	RUBBER	VCR SLIM-COMBI OTHER DS08*D22	
		265	AF000413	4930R-0384A	HOLDER	POWER CORD	
		330	AF000342	3140R-V010A	CHASSIS	ONE BOARD PRESS SECC 0.8T	
		452	79097905	353-051A	SCREW,DRAWING	SPECIAL	
		*** DECK ASSEMBLY(VCR) ***					
		A00	AF000469	6721RF0954B	DECK ASSEMBLY,VIDEO	DECK/MECHA D37(M) DI (4HF,PAL,	NSP
		A01	AF000470	6723R-0603F	DRUM(CIRC) ASSEMBLY	DECK/MECHA (9P6S) D37-6CH PAL	
		A03	AF000380	4261R-0039A	ARM ASSEMBLY	DECK/MECHA CLEANER - D37	
		A11	AF000401	4471R-0017A	GEAR ASSEMBLY	DECK/MECHA P3 - D37	
		A12	AF000399	4471R-0015A	GEAR ASSEMBLY	DECK/MECHA P2 - D37	
		A21	AF000419	4931R-0084A	HOLDER ASSEMBLY	DECK/MECHA CST - D37	
		A22	AF000400	4471R-0016A	GEAR ASSEMBLY	DECK/MECHA RACK F/L - D37	
		A23	AF000379	4261R-0038A	ARM ASSEMBLY	DECK/MECHA F/L - D37	
		A24	AF000408	4511R-0005A	LEVER ASSEMBLY	SWITCH(C) - D37	
		003	AF000414	4930R-0449A	HOLDER	DECK/MECHA FPCB(6CH) - D37C MO	
		004	AF000429	5006R-0045A	CAP	DECK/MECHA FPCB - D37C MOLD	
		006	AF000056	4580R-0004A	ROLLER	CLEANER	NSP
		007	AF000376	4260R-0053A	ARM	DECK/MECHA CLEANER MOLD - D37	NSP
		008	AF000473	6850R-HG18Y	CABLE,FLAT	P=1.25 FFC UL2896(0.05X0.8) 7	
		009	AF000377	4260R-0056A	ARM	DECK/MECHA T/UP OTHER - D37	
		011	AF000381	4261R-0040A	ARM ASSEMBLY	DECK/MECHA TENSION - D37	
		012	AF000337	3041R-M037A	BASE ASSEMBLY	P2 -D37	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		013	AF000338	3041R-M038A	BASE ASSEMBLY	P3 - D37	
		014	AF000339	3041R-M039A	BASE ASSEMBLY	P4 - D37	
		015	AF000431	5870R-0007A	OPENER	DECK/MECHA LID OTHER - D37	
		016	AF000335	3041R-M036A	BASE ASSEMBLY	A/C HEAD (ALPS) - D37	
		016	AF000336	3041R-M036B	BASE ASSEMBLY	A/C HEAD (TDK) - D37	
		017	AF000388	4408R-0005A	REEL	DECK/MECHA S OTHER - D37	
		021	AF000391	4421R-M002A	BRAKE ASSEMBLY	T - D37	
		022	AF000447	6520D00004B	HEAD(CIRC)	ST ST FE HEAD FOR D37 13.5	
		023	AF000331	3040R-M056A	BASE	LOADING OTHER - D37	
		024	AF000382	4261R-0041A	ARM ASSEMBLY	DECK/MECHA IDLER(H)	
		026	AF000412	4681RF0039A	MOTOR ASSEMBLY	DECK/MECHA L/D - (DI) D37	
		027	AF000392	4470R-0133A	GEAR	DECK/MECHA WHEEL OTHER - D37	
		028	AF000389	4408R-0006A	REEL	DECK/MECHA T OTHER - D37	
		029	AF000378	4261R-0037A	ARM ASSEMBLY	DECK/MECHA PINCH - D37	
		031	AF000427	4970R-0175A	SPRING	COIL TENSION - D37	
		032	AF000344	3141R-M002A	CHASSIS ASSEMBLY	D37	NSP
		051	79096414	4400R-0005A	BELT	CAPSTAN	
		052	AF000411	4680R-A017A	MOTOR(MECH)	CAPSTAN DMVCMC20L SAMSUNG FOR	
		052	AF000409	4680R-A015A	MOTOR(MECH)	CAPSTAN F2QVB66 SANKYO FOR D37	
		052	AF000410	4680R-A016A	MOTOR(MECH)	CAPSTAN MCVC-037AA LGIT FOR D3	
		052A	AF000428	4980R-0029A	SUPPORTER	DECK/MECHA CAPSTAN OTHER - D37	
		054	AF000395	4470R-0136A	GEAR	DECK/MECHA RACK F/L OTHER - D3	
		054A	AF000425	4970R-0171A	SPRING	COIL RACK F/L - D37	
		055	AF000397	4470R-0140A	GEAR	DECK/MECHA DRIVE OTHER - D37	
		056	AF000396	4470R-0139A	GEAR	DECK/MECHA CAM OTHER - D37	
		058	AF000390	4421R-M001A	BRAKE ASSEMBLY	CAPSTAN -D37	
		060	AF000406	4510R-0065A	LEVER	DECK/MECHA F/R OTHER - D37	
		061	AF000387	4265R-0008A	CLUTCH ASSEMBLY	DECK/MECHA D37(M)	
		064	AF000398	4470R-0141A	GEAR	DECK/MECHA SECTOR OTHER - D37	
		065	AF000385	4261R-0044A	ARM ASSEMBLY	DECK/MECHA P3 - D37	NSP
		066	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		067	AF000394	4470R-0135A	GEAR	DECK/MECHA P3 OTHER - D37	NSP
		068	AF000393	4470R-0134A	GEAR	DECK/MECHA P2 OTHER - D37	NSP
		069	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		070	AF000384	4261R-0043A	ARM ASSEMBLY	DECK/MECHA P2 - D37	NSP
		076	AF000404	4510R-0063A	LEVER	DECK/MECHA SPRING OTHER - D37	
		077	AF000350	3300R-M203A	PLATE	SLIDER OTHER - D37	
		078	AF000403	4510R-0062A	LEVER	DECK/MECHA TENSION OTHER - D37	
		079	AF000332	3040R-M057A	BASE	TENSION OTHER - D37	
		080	AF000405	4510R-0064A	LEVER	DECK/MECHA BRAKE OTHER - D37	
		100	AF000352	3301R-M193A	PLATE ASSEMBLY	TOP - D37	
		102	AF000426	4970R-0173A	SPRING	COIL STOPPER - D37	
		103	AF000417	4930R-0452A	HOLDER	DECK/MECHA SIDE (L) OTHER - D3	NSP
		105	AF000415	4930R-0450A	HOLDER	DECK/MECHA CST OTHER - D37	NSP
		106	AF000416	4930R-0451A	HOLDER	DECK/MECHA SIDE(R) OTHER - D37	NSP
		107	AF000402	4510R-0061A	LEVER	DECK/MECHA STOPPER OTHER - D37	NSP
		109	AF000432	5870R-0008A	OPENER	DECK/MECHA DOOR OTHER - D37	
		110	AF000374	4260R-0051A	ARM	DECK/MECHA F/L(L) OTHER - D37	NSP
		112	AF000021	3070R-0002A	BODY	F/L	NSP
		113	AF000424	4970R-0169A	SPRING	COIL F/L(R) - D37	NSP
		114	AF000375	4260R-0052A	ARM	DECK/MECHA F/L (R) OTHER - D37	NSP
		115	AF000407	4510R-0070A	LEVER	DECK/MECHA SWITCH(C) OTHER - D	
		116	AF000423	4970R-0163A	SPRING	COIL D35S SWITCH	
		405	AF000329	1MPC0301499	SCREW MACHINE,PAN HEAD	#NAME?	
		406	79096381	1MEC0302018	PAN HEAD MACHINE SCREW S/W +	D 3.0 L 6.0 MSWR3/FZY	
		409	79096384	1SZZR-0032B	SCREW,DRAWING	+ 1 D2.6 L5.0 SWRCH18A/FZY TAP	
		410	79096379	1APF0262218	SCREW TAP TITE(B),PAN HEAD	D2.6 L6.8 MSWR3/FZY	
		517	79096386	1WZZR-0004D	WASHER,DRAWING	STOPPER	
		518	79096385	1WZZR-0004A	WASHER,DRAWING	STOPPER	
		***	**DECK ASSEMBLY(DVD MD)**	***			
		A26	AF000468	6721RF0384C	DECK ASSEMBLY,VIDEO	DVD DP-7C 1 BOARD SLIM	NSP
		A01	79096511	4861R-0016C	CLAMP ASSEMBLY	DECK/MECHA DISC DP-7 (DI)	
		A02	AF000333	3041R-D014A	BASE ASSEMBLY	MAIN(DP-7C 1 BOARD SLIM)	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		A03	AF000334	3041R-M026A	BASE ASSEMBLY	SLED DP-7C 1 BOARD	
		001	79097006	3300R-0547A	PLATE	CLAMP	NSP
		002	79097007	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)	NSP
		003	AF000069	4860R-0021A	CLAMP	UPPER DP7	NSP
		004	79097553	4930R-0171A	HOLDER	CLAMP	
		010	79097364	6850R-GK12A	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 11	
		011	79096531	3210R-M002A	FRAME	UP/DOWN MOLD DP7C	
		011A	AF000474	6850R-JW20Z	CABLE,FLAT	P=1.0 FFC UL2896(0.035X0.7) 23	
		012	79096652	5040R-0075B	RUBBER	DAMPER DP7 (CHUNG PUNG 30)	
		012	AF000076	5040R-0075D	RUBBER	DAMPER DP7 (YAMAUCHI 30)	
		013	AF000050	4400R-0006B	BELT	DECK/MECHA DP2-5, DP7C,DP7A OT	
		014	79096235	4470R-0055A	GEAR	PULLEY	
		015	79096477	6871RZ5130A	PWB(PCB) ASSEMBLY,OTHERS	SUB,L/D (DP-4V,DVD+VCR) DI	
		015A	79096513	4681R-1023E	MOTOR ASSEMBLY	LOADING (DI)	
		015B	79096516	4560R-0008A	PULLEY	MOTOR	
		015C	AF000064	4680R-D003A	MOTOR(MECH)	LOADING RF-300EH-1D390 MABUCHI	
		015C	AF000057	4680HP2011A	MOTOR(MECH)	PC200DG-21651C JOHNSON LOADING	
		015C	AF000065	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		015C	AF000066	4680R-E010A	MOTOR(MECH)	FEEDING BCZ3B51 SANKYO FOR DP7	
		015C	79096515	4680HP2001A	MOTOR(MECH)	RF-300CH-11440(SHAFT 6.05L)M/C	
		017	79096236	4470R-0056A	GEAR	LOADING	
		018	79096240	4974R-0023A	GUIDE	UP/DOWN	
		020	AF000330	3040R-D006A	BASE	DP-7C(04.COMBI) MOLD 1-BOARD	NSP
		021	AF000062	4680R-C011A	MOTOR(MECH)	SPINDLE JCL9B68 SANKYO FOR COM	
		022	79096514	4681R-0034C	MOTOR ASSEMBLY	DECK/MECHA FEED DP-7C(DI)	
		024	AF000054	4470R-0131A	GEAR	PINION DP7C	
		024A	79096508	5006R-0044A	CAP	SKEW-T DP7C	
		024B	79096509	5006R-0043A	CAP	SKEW DP7C	
		025	79096518	4470R-0130A	GEAR	MIDDLE DP7C	
		026	AF000353	3390R-0017A	TRAY	DVD DISC(DP-7C-SLIM) MOLD	
		028	79096520	4370R-0082B	SHAFT	DECK/MECHA PU R DP-7C OTHER	
		029	AF000049	4370R-0082A	SHAFT	PU DP-7C	
		030	79096517	4471R-0013C	GEAR ASSEMBLY	DECK/MECHA RACK DP-7C(7A) DI	
		031	AF000466	6716DPH005B	PICK UP,DVD	PVR-502W R52 0219 MITSUMI PLAY	
		031	AF000467	6716DPH006B	PICK UP,DVD	SPU3151C SANKYO PLAYER FOR VE	
		429	79096221	1SZZR-0012A	SCREW,DRAWING	B-TITE	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		433	79096541	1SZZR-0050A	SCREW,DRAWING	+ 1 D2.0 L4.5 SWRCH16A/ZNY S-T	
		435	79097902	1SZZR-0011A	SCREW,DRAWING	MACHINE	
		323	AF000341	3111R-0089E	CASE ASSEMBLY	PRE AMP SLIM COMBI C-CORE A NO	
		*** SUB ASSEMBLY , MAIN(VCR+DVD) ***					
		A46	AF000485	6885R-261AQ	SUB PWB(PCB) ASSEMBLY	444502D7110534 000000 80030000	
		BC91	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		BC92	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		C126	79096270	0CE2276H638	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 25V 20% FM5 TP 5	
		C128	79092007	0CE3376D638	CAPACITOR,ELECTROLYTIC	330UF SMS 10V M FM5 TP5	
		C151	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C152	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C153	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C154	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C155	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C162	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C201	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C207	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C208	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C211	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C212	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C213	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C233	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C234	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C241	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C243	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C244	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C245	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C254	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C255	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C257	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C258	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C259	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C260	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C262	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C263	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C264	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C265	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C266	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C267	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C268	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C269	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C270	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C271	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C272	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C273	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C274	79096596	0CH4471K412	CAPACITOR,CHIP[CERAMIC M/L TC	470PF 50V J NP0 1508 R/TP	
		C276	79092023	0CH4100K112	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C277	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C278	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C279	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C280	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C281	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C292	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C293	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C295	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C296	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C297	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C298	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C302	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C303	AF000273	0CH1122K562	CAPACITOR,FIXED CERAMIC(Temp.c	1200PF 50V 10% X7R(X) 1608 R/T	
		C304	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C305	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C306	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C307	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C308	AF000290	0CQ1532K409	CAPACITOR,FIXED FILM	0.015UF S 50V 5% PE TP5	
		C309	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C310	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C311	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C312	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C314	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C315	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C316	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C317	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C318	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C319	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C320	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C321	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C322	79098703	0CE1063F638	CAPACITOR,AL.ELECTROLYTIC	10M SRE/SE 16V M FM5 TP(5)	
		C323	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C324	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C325	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C326	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C327	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C328	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C329	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C330	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C331	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C333	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C334	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C335	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C336	79096615	0CE4763F638	CAPACITOR,ELECTROLYTIC	47M SRE 16V M FM5 TP(5)	
		C337	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C338	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C339	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C340	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C341	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C342	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C343	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C345	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C346	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C347	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C348	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C349	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C350	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C351	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C353	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C355	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C356	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C357	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C358	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C359	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C360	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C361	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C362	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C363	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C366	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C367	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C368	AF000278	0CH1822K562	CAPACITOR,FIXED CERAMIC(Temp.c	8200PF 50V 10% X7R(X) 1608 R/T	
		C370	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C371	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C372	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C374	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C375	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C376	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C401	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C402	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C403	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C404	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C405	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C406	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C407	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C408	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C409	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C410	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C411	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C412	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C413	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C414	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C415	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C416	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C417	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C418	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C419	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C420	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C421	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C422	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C423	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C424	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C425	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C426	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C500	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C501	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C502	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C503	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C504	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C505	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C506	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C508	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C509	79092024	0CH4220K412	CAPA,CHIP CERAMIC M/L T.C F/S	22P 50V J COG 1.6X0.8 R/TP	
		C511	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C512	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C513	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C514	AF000280	0CH4120K412	CHIP CAPA CERAMIC M/L T.C F/S	12P 50V J COG 1.6X0.8 R/TP	
		C515	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C516	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C518	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C519	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C521	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C523	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C524	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C525	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C526	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C527	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C533	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C534	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C535	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C543	AF000274	0CH1222K512	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C544	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C545	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C546	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C547	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C551	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C552	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C561	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C564	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C567	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C570	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C571	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C575	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C576	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C577	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C581	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C582	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C583	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C596	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C5A3	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A4	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5A5	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5K1	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5L1	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C5L6	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C5P1	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5P2	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5S1	79096597	0CH4430K416	CAPACITOR,FIXED CERAMIC(High d	43PF 50V J NP0 2012 R/TP	
		C5S3	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C601	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C602	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C603	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C604	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C605	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C606	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C607	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C608	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C609	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C610	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C612	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C613	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C614	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C615	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C616	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C617	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C618	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C619	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C620	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C621	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C622	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C623	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C624	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C625	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C627	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C629	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C630	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C631	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C632	79098720	0CH4180K412	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C633	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C634	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C635	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C636	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C637	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C638	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C639	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C640	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C641	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C642	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C643	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C644	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C645	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C646	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C647	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C648	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C649	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C650	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C651	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C652	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C653	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C654	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C657	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C658	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C659	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C661	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C662	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C663	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C664	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C665	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C666	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C667	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C668	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C669	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C670	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C671	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C672	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C673	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C675	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C676	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C677	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C678	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C679	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C680	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C681	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C682	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C684	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C685	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C686	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C687	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C689	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C690	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C691	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C702	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C703	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C704	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C706	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C707	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C709	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C710	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C712	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C713	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C714	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C715	AF000279	0CH4050K012	CAPACITOR,FIXED CERAMIC(HIGH D	5PF 50V O.25 PF NP0 1608 R/TP	
		C716	79096152	0CH4100K412	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C717	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C718	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C719	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C720	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C721	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C722	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C723	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C726	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C727	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C728	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C729	79096272	0CE3354K638	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SRA,SS 50V 20% FM5 TP 5	
		C732	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C751	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C752	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7M3	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C7M5	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C7M6	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C7V1	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C7V2	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7V3	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C7V4	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C7V5	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C802	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C803	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C804	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C805	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C806	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C807	79096616	0CE4744K638	CAPACITOR,ELECTROLYTIC	0.47M SRA 50V M FM5 TP(5)	
		C810	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C811	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C812	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C813	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C814	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C815	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C816	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C817	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C818	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C819	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C820	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C821	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C822	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C823	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C824	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C825	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C826	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C828	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C829	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C855	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C856	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C857	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C859	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C860	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C861	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C862	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C863	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C864	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C865	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C867	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C869	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C870	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C871	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C884	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C885	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C886	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C887	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C888	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C889	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C890	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C901	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C902	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C912	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C915	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C916	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C921	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C931	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C932	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C933	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C934	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C935	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C938	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C941	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C942	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C943	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C944	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C945	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		C946	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		CS501	AF000450	6600M000026	SWITCH,PUSH	MPU12970MLB0 VCR CST IN S/W MI	
		D111	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D114	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D117	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D118	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D121	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D122	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D301	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D401	79096310	0DSRM00118A	DIODE,SWITCHING	DAP202K T146 ROHM R/TP SMD 80V	
		D502	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D509	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D801	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D802	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		ES501	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		ES502	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		F602	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC151	AF000113	0IPMGJR007A	IC,POWER MANAGEMENT	NJM2396F08 JRC 4PIN TO-220 ST	
		IC151	79098753	0IPMGKE008B	IC,POWER MANAGEMENT	KIA78R08PI/API CU KEC 4P TO-22	
		IC151	AF000115	0IPMGSH009A	IC,POWER MANAGEMENT	PQ08RD1L SHARP 4PIN TO-220 ST	
		IC151	79098749	0IPMGFA016A	IC,POWER MANAGEMENT	KA78R08TSTU FAIRCHILD 4P TO-22	
		IC152	AF000160	0ISH313000C	IC,SHARP	PQ3RD13L 4PIN TO-220 ST 3.3V L	
		IC152	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC152	79098752	0IPMGKE006B	IC,POWER MANAGEMENT	KIA78R33PI CU KEC 4P TO-220IS	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC201	AF000295	0ILNRNF006C	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	79096583	0ILNRSA005B	IC,LINEAR	LA71750EM SANYO 100PIN QFP TRA	
		IC401	AF000303	0IPRPCI002B	IC,PERIPHERALS	CS4392-KZR CIRRUS LOGIC 20 TSS	
		IC402	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC402	AF000298	0ILNRUC001A	IC,LINEAR	MC4580 UTC 8PIN,SOP R/TP 2CH O	
		IC501	AF000299	0IMCRHI035A	IC,MICRO CONTROLLER	HD6432197SA37F HITACHI 112PIN	
		IC503	79096319	0IAL241600B	IC,ATMEL	AT24C16 - - - -	
		IC503	79096320	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC503	AF000009	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC504	79096322	0IKE703100A	IC,KEC	KIA7031P 3P 3.1V RESET(TAPING)	
		IC504	AF000014	0ISS753100A	IC,SAMSUNG ELECTRONICS	KA7531Z TO-92 TP 3.1V RESET	
		IC505	79098739	0IKE704200B	IC,KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC601	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC601	AF000111	0ILNRNF007B	IC,LINEAR	MT1379DEC,DEC/CA MEDIATEK INCO	
		IC602	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC602	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC602	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC603	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC603	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC603	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC604	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC606	79097140	0IFA742440F	IC,FAIRCHILD	MM74HCT244SJ 20P SOIC TP 3-STA	
		IC6A1A	AF000488	6957R-601AJ	PROGRAM	DVD PROGRAM #2 ESGIPG TOSHIBA	
		IC6A2	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC751	AF000010	0IIT341700C	IC,ITT	MSP3417G-QG-B8-V3 44 QFP TRAY	
		IC7V1	AF000294	0ILNRMN001B	IC,LINEAR	SDA5650X GEG MICRONAS 20PIN SO	
		IC801	79096579	0IPH960500A	IC,PHILIPS	TDA9605H QFP44 BK HIFI AMP+HIF	
		IC802	AF000117	0IPRPMT009A	IC,PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		J501	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J502	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J701	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J702	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J911	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		JK902	AF000455	6612J00050C	JACK,RCA	RCA-910A-00-01 YUQIU 2004 COMB	
		JK903	AF000087	6612K00003B	JACK,FIBER OPTIC	PLT131/T5/12(12MBPS) EVERLIGHT	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		JK904	AF000453	6612B00011A	JACK,DIN	DIN405 YUQIU 2004 COMBI	
		L111	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L122	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L122	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L123	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L123	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L201	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L202	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L204	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L231	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L251	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L261	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L262	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L264	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L265	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L301	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L301	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L301	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L303	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L303	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L303	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L304	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L304	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L304	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L305	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L306	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L307	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L307	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L307	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L308	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L501	79096575	0LA0122K018	INDUCTOR AXIAL LEAD	12M K 2.3X3.4 L5 TP	
		L503	79096569	0LR1000J0N5	INDUCTOR,RADIAL LEAD	100UH 5% TP 3X5 TR5	
		L504	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L504	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L505	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L506	AF000083	635-027C	INDUCTOR,RADIAL LEAD	EL0405RA SKI150G-3 K-TDK 15UH	
		L5S1	79096574	0LA0332K018	INDUCTOR AXIAL LEAD	33M K 2.3X3.4 L5 TP	
		L601	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L602	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L603	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L604	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L606	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L701	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L702	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L704	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L705	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L7V1	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L801	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L803	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L901	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L902	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L903	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L904	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L905	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L906	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L907	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L908	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L909	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L910	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L911	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L912	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L913	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L916	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L917	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L918	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L919	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L920	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L921	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L922	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		LD501	AF000421	4931R-0089C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		MS501	AF000448	6600JR3002D	SWITCH,MODE	SSS-51MD-3 SHINMEI 5VDC 1MA D3	
		MS501	AF000449	6600JR3002E	SWITCH,MODE	MMS01080ZMBO MIC 5VDC 1MA D37	
		Q150	AF000328	0TRAU90024A	TRANSISTOR,BIPOLARS	STA353 AUK KOREA TP MPAK -40V	
		Q153	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q153	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q153	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q154	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q156	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q161	79097532	0TR126809BA	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q162	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q163	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q163	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q163	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q164	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q173	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q201	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q202	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q203	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q204	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q205	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q301	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q302	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q303	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q304	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q305	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q306	79096378	0TR534409AA	TRANSISTOR	2SC5344Y TP	
		Q306	79096543	0TR320309AA	TRANSISTOR,BIPOLARS	KTC3203 KEC TP TO92 50V 150MA	
		Q309	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q311	AF000326	0TR319909AA	TRANSISTOR	KTC3199-GR (2SC3199) TP KEC TO	
		Q401	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q404	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	
		Q405	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	
		Q501	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q502	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q503	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q503	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q503	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q504	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q514	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q515	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q5S1	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q601	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q801	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q802	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q803	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q901	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q902	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q903	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		R110	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R150	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R151	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R152	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R153	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R154	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R155	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R156	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R157	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R158	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R159	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R160	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R161	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R162	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R164	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R170	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R172	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R173	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R174	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R175	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R176	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R177	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R181	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R182	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R201	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R202	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R203	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R205	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R206	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R207	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R208	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R209	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R210	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R211	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R212	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R213	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R214	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R215	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R216	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R217	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R218	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R220	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R221	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R223	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R231	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R232	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R233	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R234	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R235	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R236	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R237	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R238	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R239	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R240	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R241	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R242	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R243	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R244	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R245	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R251	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R252	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R253	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R254	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R255	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R257	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R258	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R259	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R280	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R281	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R282	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R301	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R302	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R303	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R304	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R305	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R306	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R307	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R308	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R309	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R310	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R311	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R312	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R313	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R314	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R315	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R318	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R318	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R319	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R320	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R321	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R322	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R324	AF000317	0RH3303C622	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R325	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R326	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R327	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R328	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R329	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R330	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R331	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R332	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R333	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R333	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R334	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R335	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R336	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R337	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R338	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R339	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R340	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R342	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R343	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R345	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R346	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R347	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R348	AF000311	0RH1504C622	RESISTOR,METAL GLAZED(CHIP)	1.5M OHM 1 / 16 W 1608 5.00% D	
		R349	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R350	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R351	AF000322	0RH8203C622	RESISTOR,METAL GLAZED(CHIP)	820K OHM 1 / 16 W 1608 5.00% D	
		R352	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R353	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R356	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R365	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R366	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R368	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R375	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R401	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R402	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R403	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R404	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R405	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R407	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R408	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R409	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R410	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R411	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R412	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R413	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R414	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R415	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R416	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R417	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R418	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R419	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R420	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R421	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R422	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R423	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R424	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R425	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R426	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R427	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R501	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R502	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R503	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R504	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R505	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R506	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R508	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R509	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R510	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R511	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R512	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R513	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R514	AF000310	0RH1203C622	RESISTOR,METAL GLAZED(CHIP)	120K OHM 1 / 16 W 1608 5.00% D	
		R515	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R516	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R517	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R518	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R519	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R520	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R520	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R521	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R522	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R523	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R524	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R525	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R526	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R527	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R528	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R529	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R530	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R531	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R535	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R536	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R537	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R538	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R539	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R542	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R543	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R544	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R545	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R546	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R547	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R548	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R550	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R553	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R555	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R556	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R557	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R558	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R559	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R560	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R561	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R562	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R563	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R564	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R566	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R567	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R568	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R569	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R570	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R575	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R576	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R577	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R578	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R579	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R582	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R583	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R589	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R591	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R5A2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A5	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R5B3	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B4	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B5	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5C1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C5	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C6	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C7	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C9	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5G1	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5G2	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5K6	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K7	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5P2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5P3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5R8	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5S1	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R5S2	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R601	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R602	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R603	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R604	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R605	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R606	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R607	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R608	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R609	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R610	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R611	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R612	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R613	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R615	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R615	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R620	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R621	AF000307	0LCCE00031A	INDUCTOR,CHIP	HB-1T1608-300JT CERATECH R/TP	
		R622	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R622	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R623	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R624	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R625	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R626	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R627	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R628	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R629	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R630	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R631	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R634	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R635	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R636	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R640	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R642	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R643	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R644	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R645	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R646	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R647	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R648	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R651	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R652	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R653	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R654	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R655	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R656	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R657	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R659	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R660	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R661	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R662	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R665	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R667	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R680	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R681	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R682	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R705	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R706	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R707	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R710	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R711	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R712	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R713	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R715	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R716	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R717	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R718	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R7M1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7M2	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7M4	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7M5	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7V1	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R7V2	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R7V3	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V4	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V5	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V6	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V7	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7V8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7V9	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R801	AF000318	0RH3304C622	RESISTOR,METAL GLAZED(CHIP)	3.3M OHM 1 / 16 W 1608 5.00% D	
		R802	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R803	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R804	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R805	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R806	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R807	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R808	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R809	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R810	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R811	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R812	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R821	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R822	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R823	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R824	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R825	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R826	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R850	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R851	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R861	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R862	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R863	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R864	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R865	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R866	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R867	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R868	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R874	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R875	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R876	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R881	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R882	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R891	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R892	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R901	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R902	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R903	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R904	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R905	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R906	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R907	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R908	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R909	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R911	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R912	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R913	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R914	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R919	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R920	79093049	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R921	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R923	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R925	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R926	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R927	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R930	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R933	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R934	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R935	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R937	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R938	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R939	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R940	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R941	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R942	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R943	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R944	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		RS501	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		RS502	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		SC901	AF000457	6612M00006A	JACK,SCART	DSAM-0341 DOOWON	
		SW901	79098797	6600R-SH18A	SWITCH,TACT	CSS-4206 CHANGSHIN DC 30 V 10	
		TU701	AF000463	6700PFPL07F	TUNER	TADM-M101D(GKI,LGIT) LG INOTEK	
		TU701	AF000461	6700PFPG05F	TUNER	TCMK0601PD20C(GKI,SS) SS PAL F	
		X301	AF000438	6212AA2443Z	RESONATOR,CRYSTAL	HC-49S CSC/KITELCO 4.433619MHZ	
		X501	AF000080	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X501	AF000079	6202R31001F	RESONATOR,CRYSTAL	HC-49S KEUMSEOK 10-0000MHZ 30P	
		X501	AF000081	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X502	79096501	6202R-DA01B	RESONATOR,CRYSTAL	CFS-308 CITIZEN 32.768KHZ +/-	
		X502	AF000082	6212AC2327E	RESONATOR,CRYSTAL	C-001R SEIKO EPSON 32.768 KHZ	
		X601	79097346	6202R-BL06C	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 15	
		X751	79096507	529-021Q	RESONATOR,CRYSTAL	49U BUBANG 18432000HZ 30PPM 16	
		X751	AF000137	6212AA2184F	RESONATOR,CRYSTAL	HC-49U KYUNGIL 18.432MHZ +/- 3	
		ZD103	AF000292	0DZ132609BB	DIODE,ZENER	UZ-13BSA 26MM TP PYUNG CHANG	
		ZD507	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD508	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD601	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD801	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		ZD802	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		*** PWB(PCB) ASSEMBLY , TOTAL POWER ***					
		A47	AF000481	6871R-5377A	PWB(PCB) ASSEMBLY,TOTAL	SMPS VC8806P1K SERIES (DI)	
		BD101	79096005	0DD160000DA	DIODE,RECTIFIERS	S1WBA60 BK SHINDENGEN - 600V -	
⚠		C101	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		C102	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
		C103	79096500	624-082C	CAPACITOR,AL.ELECTROLYTIC	100MF/400V SHL SMPS S/Y	
		C104	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C105	79092033	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C106	79096651	624-087G	CAPACITOR	HIGH-VOL 68PF/1KV SMPS SAMHWA	
		C109	79092001	0CE1064K638	CAPACITOR,FIXED ELECTROLYTIC	10M SRA 50V M FM5 TP(5)	
⚠		C110	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C111	79096148	0CG2220U630	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
		C117	79096617	0CE337EK630	CAPACITOR,AL.ELECTROLYTIC	330UF KMG 50V M FM5 BULK	
		C123	79092010	0CE477BH630	CAPACITOR,AL.ELECTROLYTIC	470UF KME TYPE 25V M FM5 BULK	
		C127	79092003	0CE108BF630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME 16V M FM5 BULK	
		C129	AF000268	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C131	79096460	624-082H	CAPACITOR	CE 1000UF/10V SHL(10*12.5)T/P	
		C132	79092035	624-085D	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C133	79098731	0CQ1042K409	CAPACITOR,FIXED FILM	0.1UF S 50V 5% PE TP5	
		C135	79096303	0CN223AK948	CAPACITOR,TUBULAR(HIGH DIELEC)	0.022UF 50V Z F TA26 S	
		C163	79096243	624-087D	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
		D101	79096006	0DD221009AA	DIODE,RECTIFIERS	ERA22-10 KFLB,TP ,R T/P,FUJI	
		D102	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D106	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		D110	79096308	0DR302000AB	DIODE,RECTIFIERS	HER302 BK RECTRON DO201AD 100V	
		D110	79097505	0DD400000AD	DIODE,RECTIFIERS	RU4YX BK SANKEN - - - - - -	
		D111	79096009	0DR158220AA	DIODE,RECTIFIERS	1N5822 BK RECTRON DO201AD 40V	
		D113	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D118	79096590	0DR104510AA	DIODE,RECTIFIERS	B10A45V1 BK KEC TO220 45V 10A	
⚠		F101	79096588	0FS1601B51D	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS/J	
		FH01	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		FH02	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
⚠		IC101	AF000302	0IPMGFA053A	IC,POWER MANAGEMENT	FSDL0365RN FAIRCHILD 8PIN,DIP	
⚠		IC102	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		IC103	79094010	0IKE431000A	IC,KEC	KIA431 3 PIN TP	
⚠		L102	79096456	616-145G	FILTER(CIRC),DRAWING	SHT LFSQ2215V4-04220	
⚠		L102	AF000434	616-145E	FILTER(CIRC),DRAWING	KSE-145E KSE LINE FILTER SQ211	
		L125	79098794	633-088D	COIL,CHOKE	20UH KWANGSUNG LEAD CUT	
		R100	79093009	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R101	79093056	614-007A	RESISTOR	2.7/2W CEMENT SMPS V	
		R104	79093055	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R105	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R112	79093011	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R113	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R114	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R115	79096375	0RN3301F408	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1% TA26	
		R116	79096374	0RN2701F408	RESISTOR,FIXED METAL FILM	2.7K OHM 1/6 W 1% TA26	
		R117	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R119	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R130	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
⚠		T101	AF000435	6170RNGW12G	TRANSFORMER,SMPS[COIL]	EER2828 SAMWHA 2004 COMBI CLO	
⚠		V101	79098795	656-004C	VARISTOR,DRAWING	SVC681D-10A SAMHWA 4.O CUT	
		***	**PWB(PCB) ASSEMBLY , TOTAL TIMER+KEY**	***			
		A50	AF000483	6871R-7788A	PWB(PCB) ASSEMBLY,TOTAL	TIMER+KEY TOSHIBA(DI)	
		C601	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C611	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C611	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C6G1	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C6G2	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		IC601	AF000296	0ILNRPY001A	IC,LINEAR	PT6955 PTC 24P SOP ST LED DRIV	
		JK601	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK602	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK603	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		L602	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L603	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L6G1	AF000308	0LR4700K035	INDUCTOR RADIAL LEAD	470M K 6X6 L5 TP	
		LED601	AF000441	6301R2U012A	LED ASSEMBLY	TOS-3667AGMGMRMY-B OASIS UNIVE	
		LED601	AF000442	6301R3U012A	LED ASSEMBLY	F3C5-3GWB EVERLIGHT UNIVERSAL	
		LED602	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		LED603	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		Q601	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		Q602	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		R604	79096341	0RD5602F608	RESISTOR,FIXED CARBON FILM	56K OHM 1/6 W 5% TA26	
		R605	79093014	0RD3300F608	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5% TA26	
		R611	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R612	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R613	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R613	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R614	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R615	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R616	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R617	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R618	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R618	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R619	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R620	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R631	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R632	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R641	79098759	0RD0752F608	RESISTOR,FIXED CARBON FILM	75 OHM 1/6 W 5.00% TA26	
		RC601	AF000465	6712R1638GB	REMOTE CONTROLLER RECEIVER	TSOP4438RF1 VISHAY 38KHZ =TSOP	
		SW601	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW601	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW601	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW602	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW602	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW602	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW603	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW603	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW603	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW604	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW604	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW604	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW605	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW605	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW605	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW606	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW606	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW606	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW607	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW607	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW607	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW608	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW608	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW608	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW609	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW609	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW609	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW610	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW610	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW610	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW611	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW611	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW611	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW612	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW612	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW612	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	

MEMO

NOTES) If you want to purchase Flash memory, you must order "IC6A1A"

NOTES) ⚠ Warning
Parts that are shaded are critical With respect to risk of fire or electricial shock.

SECTION 6 REPLACEMENT PARTS LIST

TOSHIBA MODEL : SD-24VB-S-TB

NSP : Not avallable as service parts.

RUN DATE : 05-MARCH-04

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		*** INDIVIDUAL PARTS ***					
		250	AF000340	3110R-V024B	CASE	VBW8024 PRESS TOP A288G B:3,S:	
		274	AF000351	3300R-V103A	PLATE	TOSHIBA PRESS JACK	
		276	AF000418	4930R-0471A	HOLDER	VCR ONE BOARD SLIM MOLD HF-380	
⚠		300	AF000496	6410RBHV02E	POWER CORD	MP5005SC/HO3VVH2-F EIMI FILTER	
		457	79097907	353-051E	SCREW,DRAWING	SPECIAL (3X12)	
		462	AF000355	353-051K	SCREW,DRAWING	+ 2 D3.0 - MSWR3/FN L23.5 X13.	
		465	79097903	353-046K	SCREW,DRAWING	SPECIAL (3X10 B.K)	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		468	AF000354	353-051J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FN TB ROUN	
		*** PACKING ACCESSORY ***					
		801	AF000493	3835RV0004D	INSTRUCTION ASSEMBLY	VCR VBC8016P1K.NA4UTT TOSHIBA	
		802	AF000494	3890R-C125A	BOX	VBC8016P1K NA4UTT SWW3-A	
		803	AF000373	3920R-E104A	PACKING,CASING	V89/88 0.02 80 EPS 4 937 1984	
		804	79096262	292-053B	BAG	SOFT(MIDI)	NSP
		808	79096451	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
		806	AF000472	6850R-CAA2H	CABLE,COAXIAL	RF PAL DOUBLE SHIELD DT_HY_HIT	
		810	AF000479	6851R-0054B	CABLE ASSEMBLY	PAL RF 1.2M FREE OF CD_PB_HG H	
		*** REMOTE CONTROLLER ***					
		900	AF000092	6711R2N080E	REMOTE CONTROLLER ASSEMBLY	TOSHIBA VB602NPK NA3GTTC W/O S	
		*** PANEL ASSEMBLY , FRONT ***					
		A43	AF000492	3721R-F837C	PANEL ASSEMBLY,FRONT	VCR VBC8016P1K.NA4UTT FRONT	
		280	AF000363	3720R-F774B	PANEL,VIDEO	VCR VBC8016P1K MOLD FRONT(SPOO	NSP
		283	AF000491	3580R-V099C	DOOR	VCR VBC8016P1K.NA4UTT MOLD CST	
		284	79096419	442-681A	SPRING	DOOR	
		285	AF000490	3580R-T132C	DOOR	VCR VBC8016P1K MOLD TRAY(24VB)	
		286	AF000422	4970R-0146A	SPRING	PLATE DR4000 SPRING	
		*** CHASSIS ASSEMBLY ***					
		A44	AF000345	3141R-V017A	CHASSIS ASSEMBLY	D37 ONE BOARD SLIM COMBI	
		260	AF000349	3210R-V011B	FRAME	COMBI 3 MOLD HIPS 60HR BK	NSP
		261A	AF000430	5040H-1016U	RUBBER	VCR SLIM-COMBI OTHER DS08*D22	
		265	AF000413	4930R-0384A	HOLDER	POWER CORD	
		330	AF000342	3140R-V010A	CHASSIS	ONE BOARD PRESS SECC 0.8T	
		452	79097905	353-051A	SCREW,DRAWING	SPECIAL	
		*** PWB(PCB) ASSEMBLY , TOTAL POWER ***					
		A47	AF000481	6871R-5377A	PWB(PCB) ASSEMBLY,TOTAL	SMPS VC8806P1K SERIES (DI)	
		BD101	79096005	0DD160000DA	DIODE,RECTIFIERS	S1WBA60 BK SHINDENGEN - 600V -	
⚠		C101	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		C102	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
		C103	79096500	624-082C	CAPACITOR,AL.ELECTROLYTIC	100MF/400V SHL SMPS S/Y	
		C104	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C105	79092033	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C106	79096651	624-087G	CAPACITOR	HIGH-VOL 68PF/1KV SMPS SAMHWA	
		C109	79092001	0CE1064K638	CAPACITOR,FIXED ELECTROLYTIC	10M SRA 50V M FM5 TP(5)	
⚠		C110	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C111	79096148	0CG2220U630	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
		C117	79096617	0CE337EK630	CAPACITOR,AL.ELECTROLYTIC	330UF KMG 50V M FM5 BULK	
		C123	79092010	0CE477BH630	CAPACITOR,AL.ELECTROLYTIC	470UF KME TYPE 25V M FM5 BULK	
		C127	79092003	0CE108BF630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME 16V M FM5 BULK	
		C129	AF000268	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C131	79096460	624-082H	CAPACITOR	CE 1000UF/10V SHL(10*12.5)T/P	
		C132	79092035	624-085D	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C133	79098731	0CQ1042K409	CAPACITOR,FIXED FILM	0.1UF S 50V 5% PE TP5	
		C135	79096303	0CN223AK948	CAPACITOR,TUBULAR(HIGH DIELEC)	0.022UF 50V Z F TA26 S	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C163	79096243	624-087D	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
		D101	79096006	0DD221009AA	DIODE,RECTIFIERS	ERA22-10 KFLB,TP ,R T/P,FUJI	
		D102	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D106	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D110	79096308	0DR302000AB	DIODE,RECTIFIERS	HER302 BK RECTRON DO201AD 100V	
		D110	79097505	0DD400000AD	DIODE,RECTIFIERS	RU4YX BK SANKEN - - - - - -	
		D111	79096009	0DR158220AA	DIODE,RECTIFIERS	1N5822 BK RECTRON DO201AD 40V	
		D113	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D118	79096590	0DR104510AA	DIODE,RECTIFIERS	B10A45V1 BK KEC TO220 45V 10A	
⚠		F101	79096588	0FS1601B51D	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS/J	
		FH01	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		FH02	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
⚠		IC101	AF000302	0IPMGFA053A	IC,POWER MANAGEMENT	FSDL0365RN FAIRCHILD 8PIN,DIP	
⚠		IC102	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		IC103	79094010	0IKE431000A	IC,KEC	KIA431 3 PIN TP	
⚠		L102	79096456	616-145G	FILTER(CIRC),DRAWING	SHT LFSQ2215V4-04220	
⚠		L102	AF000434	616-145E	FILTER(CIRC),DRAWING	KSE-145E KSE LINE FILTER SQ211	
		L125	79098794	633-088D	COIL,CHOKE	20UH KWANGSUNG LEAD CUT	
		R100	79093009	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R101	79093056	614-007A	RESISTOR	2.7/2W CEMENT SMPS V	
		R104	79093055	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R105	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R112	79093011	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R113	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R114	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R115	79096375	0RN3301F408	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1% TA26	
		R116	79096374	0RN2701F408	RESISTOR,FIXED METAL FILM	2.7K OHM 1/6 W 1% TA26	
		R117	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R119	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R130	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
⚠		T101	AF000435	6170RNGW12G	TRANSFORMER,SMPS[COIL]	EER2828 SAMWHA 2004 COMBI CLO	
⚠		V101	79098795	656-004C	VARISTOR,DRAWING	SVC681D-10A SAMHWA 4.O CUT	
		***	**PWB(PCB) ASSEMBLY , TOTAL TIMER+KEY**	***			
		A50	AF000483	6871R-7788A	PWB(PCB) ASSEMBLY,TOTAL	TIMER+KEY TOSHIBA(DI)	
		C601	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C611	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C611	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C6G1	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C6G2	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		IC601	AF000296	0ILNRPY001A	IC,LINEAR	PT6955 PTC 24P SOP ST LED DRIV	
		JK601	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK602	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK603	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		L602	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L603	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L6G1	AF000308	0LR4700K035	INDUCTOR RADIAL LEAD	470M K 6X6 L5 TP	
		LED601	AF000441	6301R2U012A	LED ASSEMBLY	TOS-3667AGMGMRMY-B OASIS UNIVE	
		LED601	AF000442	6301R3U012A	LED ASSEMBLY	F3C5-3GWB EVERLIGHT UNIVERSAL	
		LED602	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		LED603	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		Q601	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		Q602	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		R604	79096341	0RD5602F608	RESISTOR,FIXED CARBON FILM	56K OHM 1/6 W 5% TA26	
		R605	79093014	0RD3300F608	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5% TA26	
		R611	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R612	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R613	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R613	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R614	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R615	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R616	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R617	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R618	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R618	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R619	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R620	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R631	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R632	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R641	79098759	0RD0752F608	RESISTOR,FIXED CARBON FILM	75 OHM 1/6 W 5.00% TA26	
		RC601	AF000465	6712R1638GB	REMOTE CONTROLLER RECEIVER	TSOP4438RF1 VISHAY 38KHZ =TSOP	
		SW601	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW601	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW601	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW602	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW602	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW602	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW603	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW603	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW603	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW604	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW604	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW604	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW605	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW605	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW605	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW606	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW606	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW606	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW607	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW607	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW607	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW608	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW608	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW608	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW609	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW609	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW609	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW610	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW610	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW610	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW611	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW611	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW611	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW612	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW612	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW612	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		*** SUB ASSEMBLY , MAIN(VCR+DVD) ***					
		A46	AF000495	6885R-261AS	SUB PWB(PCB) ASSEMBLY	474200D7110534 000000 80000000	
		323	AF000341	3111R-0089E	CASE ASSEMBLY	PRE AMP SLIM COMBI C-CORE A NO	
		BC91	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		BC92	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		C126	79096270	0CE2276H638	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 25V 20% FM5 TP 5	
		C128	79092007	0CE3376D638	CAPACITOR,ELECTROLYTIC	330UF SMS 10V M FM5 TP5	
		C151	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C152	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C153	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C154	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C155	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C162	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C201	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C207	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C208	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C211	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C212	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C233	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C234	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C241	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C243	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C244	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C245	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C254	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C255	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C257	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C258	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C259	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C260	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C262	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C263	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C264	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C265	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C266	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C267	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C268	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C269	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C270	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C271	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C272	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C273	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C274	79096596	0CH4471K412	CAPACITOR,CHIP[CERAMIC M/L TC	470PF 50V J NP0 1508 R/TP	
		C276	79092023	0CH4100K112	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C277	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C278	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C279	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C280	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C281	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C292	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C293	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C295	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C296	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C297	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C298	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C302	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C303	AF000273	0CH1122K562	CAPACITOR,FIXED CERAMIC(Temp.c	1200PF 50V 10% X7R(X) 1608 R/T	
		C304	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C305	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C306	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C307	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C308	AF000290	0CQ1532K409	CAPACITOR,FIXED FILM	0.015UF S 50V 5% PE TP5	
		C309	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C310	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C311	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C312	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C314	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C315	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C316	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C317	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C318	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C319	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C320	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C321	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C322	79098703	0CE1063F638	CAPACITOR,AL.ELECTROLYTIC	10M SRE/SE 16V M FM5 TP(5)	
		C323	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C324	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C325	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C326	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C327	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C328	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C329	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C330	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C331	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C333	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C334	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C335	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C336	79096615	0CE4763F638	CAPACITOR,ELECTROLYTIC	47M SRE 16V M FM5 TP(5)	
		C337	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C338	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C339	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C340	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C341	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C342	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C343	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C345	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C346	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C347	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C348	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C349	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C350	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C351	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C353	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C355	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C356	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C357	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C358	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C359	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C360	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C361	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C362	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C363	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C366	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C367	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C368	AF000278	0CH1822K562	CAPACITOR,FIXED CERAMIC(Temp.c	8200PF 50V 10% X7R(X) 1608 R/T	
		C370	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C371	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C372	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C374	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C375	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C376	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C401	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C402	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C403	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C404	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C405	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C406	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C407	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C408	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C409	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C410	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C411	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C412	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C413	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C414	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C415	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C416	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C417	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C418	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C419	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C420	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C421	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C422	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C423	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C424	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C425	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C426	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C500	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C501	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C502	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C503	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C504	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C505	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C506	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C508	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C509	79092024	0CH4220K412	CAPA,CHIP CERAMIC M/L T.C F/S	22P 50V J COG 1.6X0.8 R/TP	
		C511	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C512	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C513	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C514	AF000280	0CH4120K412	CHIP CAPA CERAMIC M/L T.C F/S	12P 50V J COG 1.6X0.8 R/TP	
		C515	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C516	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C518	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C519	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C521	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C523	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C524	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C525	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C526	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C527	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C533	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C534	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C535	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C543	AF000274	0CH1222K512	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C544	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C545	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C546	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C547	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C551	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C552	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C561	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C564	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C567	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C570	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C571	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C575	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C576	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C577	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C581	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C582	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C583	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C596	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A3	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A4	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C5A5	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5K1	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5L1	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C5L6	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C5P1	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5P2	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5S1	79096597	0CH4430K416	CAPACITOR,FIXED CERAMIC(High d	43PF 50V J NP0 2012 R/TP	
		C5S3	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C601	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C602	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C603	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C604	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C605	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C606	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C607	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C608	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C609	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C610	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C612	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C613	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C614	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C615	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C616	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C617	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C618	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C619	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C620	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C621	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C622	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C623	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C624	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C625	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C627	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C629	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C630	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C631	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C632	79098720	0CH4180K412	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C633	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C634	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C635	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C636	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C637	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C638	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C639	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C640	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C641	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C642	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C643	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C644	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C645	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C646	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C647	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C648	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C649	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C650	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C651	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C652	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C653	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C654	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C657	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C658	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C659	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C661	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C662	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C663	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C664	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C665	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C666	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C667	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C668	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C669	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C670	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C671	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C672	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C673	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C675	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C676	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C677	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C678	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C679	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C680	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C681	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C682	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C684	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C685	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C686	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C687	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C689	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C690	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C691	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C702	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C703	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C704	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C706	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C707	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C709	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C710	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C712	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C713	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C714	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C715	AF000279	0CH4050K012	CAPACITOR,FIXED CERAMIC(HIGH D	5PF 50V O.25 PF NP0 1608 R/TP	
		C716	79096152	0CH4100K412	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C717	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C718	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C719	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C720	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C721	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C722	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C723	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C726	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C727	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C728	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C729	79096272	0CE3354K638	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SRA,SS 50V 20% FM5 TP 5	
		C732	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C751	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C752	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7M3	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C7M5	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C7M6	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C7V1	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C7V2	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7V3	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C7V4	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C7V5	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C802	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C803	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C804	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C805	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C806	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C807	79096616	0CE4744K638	CAPACITOR,ELECTROLYTIC	0.47M SRA 50V M FM5 TP(5)	
		C810	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C811	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C812	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C813	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C814	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C815	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C816	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C817	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C818	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C819	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C820	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C821	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C822	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C823	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C824	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C825	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C826	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C828	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C829	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C855	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C856	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C857	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C859	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C860	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C861	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C862	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C863	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C864	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C865	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C867	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C869	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C870	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C871	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C884	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C885	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C886	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C887	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C888	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C889	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C890	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C901	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C902	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C912	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C915	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C916	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C921	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C931	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C932	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C933	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C934	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C935	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C938	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C941	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C942	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C943	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C944	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C945	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		C946	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		CS501	AF000450	6600M000026	SWITCH,PUSH	MPU12970MLB0 VCR CST IN S/W MI	
		D111	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D114	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		D117	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D118	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D121	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D122	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D301	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D401	79096310	0DSRM00118A	DIODE,SWITCHING	DAP202K T146 ROHM R/TP SMD 80V	
		D502	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D509	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D801	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D802	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		ES501	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		ES502	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		F602	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC151	AF000113	0IPMGJR007A	IC,POWER MANAGEMENT	NJM2396F08 JRC 4PIN TO-220 ST	
		IC151	AF000115	0IPMGSH009A	IC,POWER MANAGEMENT	PQ08RD1L SHARP 4PIN TO-220 ST	
		IC151	79098753	0IPMGKE008B	IC,POWER MANAGEMENT	KIA78R08PI/API CU KEC 4P TO-22	
		IC151	79098749	0IPMGFA016A	IC,POWER MANAGEMENT	KA78R08TSTU FAIRCHILD 4P TO-22	
		IC152	AF000160	0ISH313000C	IC,SHARP	PQ3RD13L 4PIN TO-220 ST 3.3V L	
		IC152	79098752	0IPMGKE006B	IC,POWER MANAGEMENT	KIA78R33PI CU KEC 4P TO-220IS	
		IC152	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC201	AF000295	0ILNRNF006C	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	79096583	0ILNRSA005B	IC,LINEAR	LA71750EM SANYO 100PIN QFP TRA	
		IC401	AF000303	0IPRPCI002B	IC,PERIPHERALS	CS4392-KZR CIRRUS LOGIC 20 TSS	
		IC402	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC402	AF000298	0ILNRUC001A	IC,LINEAR	MC4580 UTC 8PIN,SOP R/TP 2CH O	
		IC501	AF000299	0IMCRHI035A	IC,MICRO CONTROLLER	HD6432197SA37F HITACHI 112PIN	
		IC503	79096319	0IAL241600B	IC,ATMEL	AT24C16 - - - -	
		IC503	AF000009	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC503	79096320	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC504	79096322	0IKE703100A	IC,KEC	KIA7031P 3P 3.1V RESET(TAPING)	
		IC504	AF000014	0ISS753100A	IC,SAMSUNG ELECTRONICS	KA7531Z TO-92 TP 3.1V RESET	
		IC505	79098739	0IKE704200B	IC,KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC601	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC601	AF000111	0ILNRNF007B	IC,LINEAR	MT1379DEC,DEC/CA MEDIATEK INCO	
		IC602	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC602	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC602	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC603	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC603	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC603	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC604	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC606	79097140	0IFA742440F	IC,FAIRCHILD	MM74HCT244SJ 20P SOIC TP 3-STA	
		IC6A1A	AF000488	6957R-601AJ	PROGRAM	DVD PROGRAM #2 ESGIPG TOSHIBA	
		IC6A2	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC751	AF000010	0IIT341700C	IC,ITT	MSP3417G-QG-B8-V3 44 QFP TRAY	
		IC7V1	AF000294	0ILNRMN001B	IC,LINEAR	SDA5650X GEG MICRONAS 20PIN SO	
		IC801	79096579	0IPH960500A	IC,PHILIPS	TDA9605H QFP44 BK HIFI AMP+HIF	
		IC802	AF000117	0IPRPMT009A	IC,PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		J501	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J502	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J701	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J702	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J911	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		JK902	AF000455	6612J00050C	JACK,RCA	RCA-910A-00-01 YUQIU 2004 COMB	
		JK903	AF000087	6612K00003B	JACK,FIBER OPTIC	PLT131/T5/12(12MBPS) EVERLIGHT	
		JK904	AF000453	6612B00011A	JACK,DIN	DIN405 YUQIU 2004 COMBI	
		L111	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L122	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L122	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L123	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L123	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		D117	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D118	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D121	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D122	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D301	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D401	79096310	0DSRM00118A	DIODE,SWITCHING	DAP202K T146 ROHM R/TP SMD 80V	
		D502	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D509	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D801	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D802	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		ES501	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		ES502	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		F602	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC151	AF000113	0IPMGJR007A	IC,POWER MANAGEMENT	NJM2396F08 JRC 4PIN TO-220 ST	
		IC151	AF000115	0IPMGSH009A	IC,POWER MANAGEMENT	PQ08RD1L SHARP 4PIN TO-220 ST	
		IC151	79098753	0IPMGKE008B	IC,POWER MANAGEMENT	KIA78R08PI/API CU KEC 4P TO-22	
		IC151	79098749	0IPMGFA016A	IC,POWER MANAGEMENT	KA78R08TSTU FAIRCHILD 4P TO-22	
		IC152	AF000160	0ISH313000C	IC,SHARP	PQ3RD13L 4PIN TO-220 ST 3.3V L	
		IC152	79098752	0IPMGKE006B	IC,POWER MANAGEMENT	KIA78R33PI CU KEC 4P TO-220IS	
		IC152	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC201	AF000295	0ILNRNF006C	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	79096583	0ILNRSA005B	IC,LINEAR	LA71750EM SANYO 100PIN QFP TRA	
		IC401	AF000303	0IPRPCI002B	IC,PERIPHERALS	CS4392-KZR CIRRUS LOGIC 20 TSS	
		IC402	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC402	AF000298	0ILNRUC001A	IC,LINEAR	MC4580 UTC 8PIN,SOP R/TP 2CH O	
		IC501	AF000299	0IMCRHI035A	IC,MICRO CONTROLLER	HD6432197SA37F HITACHI 112PIN	
		IC503	79096319	0IAL241600B	IC,ATMEL	AT24C16 - - - -	
		IC503	AF000009	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC503	79096320	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC504	79096322	0IKE703100A	IC,KEC	KIA7031P 3P 3.1V RESET(TAPING)	
		IC504	AF000014	0ISS753100A	IC,SAMSUNG ELECTRONICS	KA7531Z TO-92 TP 3.1V RESET	
		IC505	79098739	0IKE704200B	IC,KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC601	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC601	AF000111	0ILNRNF007B	IC,LINEAR	MT1379DEC,DEC/CA MEDIATEK INCO	
		IC602	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC602	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC602	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC603	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC603	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC603	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC604	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC606	79097140	0IFA742440F	IC,FAIRCHILD	MM74HCT244SJ 20P SOIC TP 3-STA	
		IC6A1A	AF000488	6957R-601AJ	PROGRAM	DVD PROGRAM #2 ESGIPG TOSHIBA	
		IC6A2	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC751	AF000010	0IIT341700C	IC,ITT	MSP3417G-QG-B8-V3 44 QFP TRAY	
		IC7V1	AF000294	0ILNRMN001B	IC,LINEAR	SDA5650X GEG MICRONAS 20PIN SO	
		IC801	79096579	0IPH960500A	IC,PHILIPS	TDA9605H QFP44 BK HIFI AMP+HIF	
		IC802	AF000117	0IPRPMT009A	IC,PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		J501	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J502	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J701	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J702	79093034	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		J910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J911	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		JK902	AF000455	6612J00050C	JACK,RCA	RCA-910A-00-01 YUQIU 2004 COMB	
		JK903	AF000087	6612K00003B	JACK,FIBER OPTIC	PLT131/T5/12(12MBPS) EVERLIGHT	
		JK904	AF000453	6612B00011A	JACK,DIN	DIN405 YUQIU 2004 COMBI	
		L111	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L122	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L122	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L123	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L123	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LD501	AF000421	4931R-0089C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		MS501	AF000448	6600JR3002D	SWITCH,MODE	SSS-51MD-3 SHINMEI 5VDC 1MA D3	
		MS501	AF000449	6600JR3002E	SWITCH,MODE	MMS01080ZMBO MIC 5VDC 1MA D37	
		Q150	AF000328	0TRAU90024A	TRANSISTOR,BIPOLARS	STA353 AUK KOREA TP MPAK -40V	
		Q153	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q153	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q153	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q154	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q156	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q161	79097532	0TR126809BA	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q162	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q163	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q163	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q163	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q164	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q173	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q201	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q202	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q203	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q204	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q205	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q301	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q302	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q303	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q304	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q305	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q306	79096378	0TR534409AA	TRANSISTOR	2SC5344Y TP	
		Q306	79096543	0TR320309AA	TRANSISTOR,BIPOLARS	KTC3203 KEC TP TO92 50V 150MA	
		Q309	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q311	AF000326	0TR319909AA	TRANSISTOR	KTC3199-GR (2SC3199) TP KEC TO	
		Q401	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q404	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	
		Q405	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	
		Q501	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q502	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q503	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q503	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q503	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q504	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q514	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q515	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q5S1	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q601	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q801	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q802	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q803	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q901	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q902	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q903	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		R110	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R150	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R151	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R152	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R153	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R154	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R155	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R156	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R157	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R158	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R159	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R160	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R161	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R162	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R164	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R170	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R172	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R173	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R174	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R175	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R176	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R177	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R181	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R182	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R201	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R202	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R203	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R205	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R206	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R207	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R208	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R209	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R210	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R211	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R212	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R213	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R214	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R215	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R216	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R217	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R218	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R220	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R221	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R223	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R231	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R232	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R233	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R234	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R235	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R236	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R237	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R238	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R239	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R240	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R241	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R242	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R243	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R244	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R245	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R251	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R252	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R253	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R254	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R255	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R257	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R258	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R259	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R280	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R281	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R282	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R301	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R302	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R303	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R304	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R305	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R306	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R307	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R308	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R309	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R310	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R311	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R312	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R313	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R314	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R315	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R318	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R318	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R319	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R320	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R321	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R322	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R324	AF000317	0RH3303C622	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R325	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R326	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R327	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R328	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R329	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R330	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R331	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R332	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R333	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R333	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R334	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R335	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R336	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R337	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R338	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R339	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R340	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R342	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R343	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R345	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R346	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R347	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R348	AF000311	0RH1504C622	RESISTOR,METAL GLAZED(CHIP)	1.5M OHM 1 / 16 W 1608 5.00% D	
		R349	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R350	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R351	AF000322	0RH8203C622	RESISTOR,METAL GLAZED(CHIP)	820K OHM 1 / 16 W 1608 5.00% D	
		R352	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R353	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R356	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R365	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R366	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R368	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R375	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R401	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R402	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R403	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R404	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R405	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R407	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R408	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R409	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R410	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R411	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R412	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R413	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R414	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R415	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R416	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R417	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R418	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R419	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R420	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R421	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R422	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R423	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R424	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R425	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R426	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R427	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R501	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R502	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R503	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R504	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R505	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R506	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R508	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R509	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R510	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R511	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R512	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R513	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R514	AF000310	0RH1203C622	RESISTOR,METAL GLAZED(CHIP)	120K OHM 1 / 16 W 1608 5.00% D	
		R515	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R516	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R517	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R518	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R519	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R520	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R520	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R521	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R522	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R523	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R524	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R525	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R526	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R527	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R528	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R529	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R530	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R531	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R535	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R536	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R537	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R538	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R539	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R542	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R543	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R544	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R545	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R546	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R547	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R548	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R550	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R553	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R555	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R556	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R557	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R558	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R559	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R560	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R561	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R562	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R563	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R564	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R566	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R567	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R568	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R569	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R570	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R575	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R576	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R577	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R578	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R579	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R582	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R583	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R589	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R591	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R5A2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A5	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R5B3	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B4	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B5	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5C1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C5	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C6	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C7	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C9	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5G1	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5G2	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5K6	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K7	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5P2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5P3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5R8	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5S1	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R5S2	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R601	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R602	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R603	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R604	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R605	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R606	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R607	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R608	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R609	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R610	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R611	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R612	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R613	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R615	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R615	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R620	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R621	AF000307	0LCCE00031A	INDUCTOR,CHIP	HB-1T1608-300JT CERATECH R/TP	
		R622	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R622	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R623	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R624	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R625	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R626	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R627	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R628	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R629	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R630	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R631	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R634	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R635	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R636	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R640	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R642	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R643	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R644	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R645	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R646	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R647	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R648	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R651	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R652	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R653	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R654	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R655	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R656	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R657	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R659	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R660	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R661	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R662	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R665	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R667	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R680	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R681	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R682	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R705	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R706	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R707	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R710	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R711	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R712	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R713	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R715	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R716	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R717	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R718	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7M1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7M2	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7M4	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7M5	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7V1	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R7V2	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R7V3	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V4	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V5	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V6	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V7	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7V8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7V9	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R801	AF000318	0RH3304C622	RESISTOR,METAL GLAZED(CHIP)	3.3M OHM 1 / 16 W 1608 5.00% D	
		R802	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R803	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R804	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R805	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R806	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R807	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R808	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R809	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R810	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R811	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R812	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R821	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R822	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R823	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R824	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R825	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R826	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R850	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R851	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R861	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R862	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R863	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R864	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R865	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R866	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R867	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R868	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R874	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R875	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R876	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R881	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R882	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R891	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R892	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R901	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R902	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R903	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R904	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R905	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R906	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R907	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R908	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R909	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R911	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R912	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R913	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R914	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R919	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R920	79093049	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R921	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R923	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R925	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R926	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R927	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R930	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R933	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R934	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R935	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R937	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R938	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R939	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R940	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R941	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R942	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R943	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R944	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		RS501	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		RS502	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		SC901	AF000457	6612M00006A	JACK,SCART	DSAM-0341 DOOWON	
		SW901	79098797	6600R-SH18A	SWITCH,TACT	CSS-4206 CHANGSHIN DC 30 V 10	
		TU701	AF000463	6700PFPL07F	TUNER	TADM-M101D(GKI,LGIT) LG INOTEK	
		TU701	AF000461	6700PFPG05F	TUNER	TCMK0601PD20C(GKI,SS) SS PAL F	
		X301	AF000438	6212AA2443Z	RESONATOR,CRYSTAL	HC-49S CSC/KITELCO 4.433619MHZ	
		X501	AF000080	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X501	AF000081	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X501	AF000079	6202R31001F	RESONATOR,CRYSTAL	HC-49S KEUMSEOK 10-0000MHZ 30P	
		X502	79096501	6202R-DA01B	RESONATOR,CRYSTAL	CFS-308 CITIZEN 32.768KHZ +/-	
		X502	AF000082	6212AC2327E	RESONATOR,CRYSTAL	C-001R SEIKO EPSON 32.768 KHZ	
		X601	79097346	6202R-BL06C	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 15	
		X751	79096507	529-021Q	RESONATOR,CRYSTAL	49U BUBANG 18432000HZ 30PPM 16	
		X751	AF000137	6212AA2184F	RESONATOR,CRYSTAL	HC-49U KYUNGIL 18.432MHZ +/- 3	
		ZD103	AF000292	0DZ132609BB	DIODE,ZENER	UZ-13BSA 26MM TP PYUNG CHANG	
		ZD507	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD508	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD601	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD801	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		ZD802	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		*** DECK ASSEMBLY(VCR) ***					
		A00	AF000469	6721RF0954B	DECK ASSEMBLY,VIDEO	DECK/MECHA D37(M) DI (4HF,PAL,	NSP
		A01	AF000470	6723R-0603F	DRUM(CIRC) ASSEMBLY	DECK/MECHA (9P6S) D37-6CH PAL	
		A03	AF000380	4261R-0039A	ARM ASSEMBLY	DECK/MECHA CLEANER - D37	
		A11	AF000401	4471R-0017A	GEAR ASSEMBLY	DECK/MECHA P3 - D37	
		A12	AF000399	4471R-0015A	GEAR ASSEMBLY	DECK/MECHA P2 - D37	
		A21	AF000419	4931R-0084A	HOLDER ASSEMBLY	DECK/MECHA CST - D37	
		A22	AF000400	4471R-0016A	GEAR ASSEMBLY	DECK/MECHA RACK F/L - D37	
		A23	AF000379	4261R-0038A	ARM ASSEMBLY	DECK/MECHA F/L - D37	
		A24	AF000408	4511R-0005A	LEVER ASSEMBLY	SWITCH(C) - D37	
		003	AF000414	4930R-0449A	HOLDER	DECK/MECHA FPCB(6CH) - D37C MO	
		004	AF000429	5006R-0045A	CAP	DECK/MECHA FPCB - D37C MOLD	
		006	AF000056	4580R-0004A	ROLLER	CLEANER	NSP
		007	AF000376	4260R-0053A	ARM	DECK/MECHA CLEANER MOLD - D37	NSP
		008	AF000473	6850R-HG18Y	CABLE,FLAT	P=1.25 FFC UL2896(0.05X0.8) 7	
		009	AF000377	4260R-0056A	ARM	DECK/MECHA T/UP OTHER - D37	
		011	AF000381	4261R-0040A	ARM ASSEMBLY	DECK/MECHA TENSION - D37	
		012	AF000337	3041R-M037A	BASE ASSEMBLY	P2 -D37	
		013	AF000338	3041R-M038A	BASE ASSEMBLY	P3 - D37	
		014	AF000339	3041R-M039A	BASE ASSEMBLY	P4 - D37	
		015	AF000431	5870R-0007A	OPENER	DECK/MECHA LID OTHER - D37	
		016	AF000335	3041R-M036A	BASE ASSEMBLY	A/C HEAD (ALPS) - D37	
		016	AF000336	3041R-M036B	BASE ASSEMBLY	A/C HEAD (TDK) - D37	
		017	AF000388	4408R-0005A	REEL	DECK/MECHA S OTHER - D37	
		021	AF000391	4421R-M002A	BRAKE ASSEMBLY	T - D37	
		022	AF000447	6520D00004B	HEAD(CIRC)	ST ST FE HEAD FOR D37 13.5	
		023	AF000331	3040R-M056A	BASE	LOADING OTHER - D37	
		024	AF000382	4261R-0041A	ARM ASSEMBLY	DECK/MECHA IDLER(H)	
		026	AF000412	4681RF0039A	MOTOR ASSEMBLY	DECK/MECHA L/D - (DI) D37	
		027	AF000392	4470R-0133A	GEAR	DECK/MECHA WHEEL OTHER - D37	
		028	AF000389	4408R-0006A	REEL	DECK/MECHA T OTHER - D37	
		029	AF000378	4261R-0037A	ARM ASSEMBLY	DECK/MECHA PINCH - D37	
		031	AF000427	4970R-0175A	SPRING	COIL TENSION - D37	
		032	AF000344	3141R-M002A	CHASSIS ASSEMBLY	D37	NSP
		051	79096414	4400R-0005A	BELT	CAPSTAN	
		052	AF000409	4680R-A015A	MOTOR(MECH)	CAPSTAN F2QVB66 SANKYO FOR D37	
		052	AF000410	4680R-A016A	MOTOR(MECH)	CAPSTAN MCVC-037AA LGIT FOR D3	
		052	AF000411	4680R-A017A	MOTOR(MECH)	CAPSTAN DMVCMC20L SAMSUNG FOR	
		052A	AF000428	4980R-0029A	SUPPORTER	DECK/MECHA CAPSTAN OTHER - D37	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		054	AF000395	4470R-0136A	GEAR	DECK/MECHA RACK F/L OTHER - D3	
		054A	AF000425	4970R-0171A	SPRING	COIL RACK F/L - D37	
		055	AF000397	4470R-0140A	GEAR	DECK/MECHA DRIVE OTHER - D37	
		056	AF000396	4470R-0139A	GEAR	DECK/MECHA CAM OTHER - D37	
		058	AF000390	4421R-M001A	BRAKE ASSEMBLY	CAPSTAN -D37	
		060	AF000406	4510R-0065A	LEVER	DECK/MECHA F/R OTHER - D37	
		061	AF000387	4265R-0008A	CLUTCH ASSEMBLY	DECK/MECHA D37(M)	
		064	AF000398	4470R-0141A	GEAR	DECK/MECHA SECTOR OTHER - D37	
		065	AF000385	4261R-0044A	ARM ASSEMBLY	DECK/MECHA P3 - D37	NSP
		066	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		067	AF000394	4470R-0135A	GEAR	DECK/MECHA P3 OTHER - D37	NSP
		068	AF000393	4470R-0134A	GEAR	DECK/MECHA P2 OTHER - D37	NSP
		069	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		070	AF000384	4261R-0043A	ARM ASSEMBLY	DECK/MECHA P2 - D37	NSP
		076	AF000404	4510R-0063A	LEVER	DECK/MECHA SPRING OTHER - D37	
		077	AF000350	3300R-M203A	PLATE	SLIDER OTHER - D37	
		078	AF000403	4510R-0062A	LEVER	DECK/MECHA TENSION OTHER - D37	
		079	AF000332	3040R-M057A	BASE	TENSION OTHER - D37	
		080	AF000405	4510R-0064A	LEVER	DECK/MECHA BRAKE OTHER - D37	
		100	AF000352	3301R-M193A	PLATE ASSEMBLY	TOP - D37	
		102	AF000426	4970R-0173A	SPRING	COIL STOPPER - D37	
		103	AF000417	4930R-0452A	HOLDER	DECK/MECHA SIDE (L) OTHER - D3	NSP
		105	AF000415	4930R-0450A	HOLDER	DECK/MECHA CST OTHER - D37	NSP
		106	AF000416	4930R-0451A	HOLDER	DECK/MECHA SIDE(R) OTHER - D37	NSP
		107	AF000402	4510R-0061A	LEVER	DECK/MECHA STOPPER OTHER - D37	NSP
		109	AF000432	5870R-0008A	OPENER	DECK/MECHA DOOR OTHER - D37	
		110	AF000374	4260R-0051A	ARM	DECK/MECHA F/L(L) OTHER - D37	NSP
		112	AF000021	3070R-0002A	BODY	F/L	NSP
		113	AF000424	4970R-0169A	SPRING	COIL F/L(R) - D37	NSP
		114	AF000375	4260R-0052A	ARM	DECK/MECHA F/L (R) OTHER - D37	NSP
		115	AF000407	4510R-0070A	LEVER	DECK/MECHA SWITCH(C) OTHER - D	
		116	AF000423	4970R-0163A	SPRING	COIL D35S SWITCH	
		405	AF000329	1MPC0301499	SCREW MACHINE,PAN HEAD	#NAME?	
		406	79096381	1MEC0302018	PAN HEAD MACHINE SCREW S/W +	D 3.0 L 6.0 MSWR3/FZY	
		409	79096384	1SZZR-0032B	SCREW,DRAWING	+ 1 D2.6 L5.0 SWRCH18A/FZY TAP	
		410	79096379	1APF0262218	SCREW TAP TITE(B),PAN HEAD	#NAME?	
		517	79096386	1WZZR-0004D	WASHER,DRAWING	STOPPER	
		518	79096385	1WZZR-0004A	WASHER,DRAWING	STOPPER	
		***	**DECK ASSEMBLY(DVD MD)**	***			
		A26	AF000468	6721RF0384C	DECK ASSEMBLY,VIDEO	DVD DP-7C 1 BOARD SLIM	NSP
		A01	79096511	4861R-0016C	CLAMP ASSEMBLY	DECK/MECHA DISC DP-7 (DI)	
		A02	AF000333	3041R-D014A	BASE ASSEMBLY	MAIN(DP-7C 1 BOARD SLIM)	
		A03	AF000334	3041R-M026A	BASE ASSEMBLY	SLED DP-7C 1 BOARD	
		001	79097006	3300R-0547A	PLATE	CLAMP	NSP
		002	79097007	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)	NSP
		003	AF000069	4860R-0021A	CLAMP	UPPER DP7	NSP
		004	79097553	4930R-0171A	HOLDER	CLAMP	
		010	79097364	6850R-GK12A	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 11	
		011	79096531	3210R-M002A	FRAME	UP/DOWN MOLD DP7C	
		011A	AF000474	6850R-JW20Z	CABLE,FLAT	P=1.0 FFC UL2896(0.035X0.7) 23	
		012	79096652	5040R-0075B	RUBBER	DAMPER DP7 (CHUNG PUNG 30)	
		012	AF000076	5040R-0075D	RUBBER	DAMPER DP7 (YAMAUCHI 30)	
		013	AF000050	4400R-0006B	BELT	DECK/MECHA DP2-5, DP7C,DP7A OT	
		014	79096235	4470R-0055A	GEAR	PULLEY	
		015	79096477	6871RZ5130A	PWB(PCB) ASSEMBLY,OTHERS	SUB,L/D (DP-4V,DVD+VCR) DI	
		015A	79096513	4681R-1023E	MOTOR ASSEMBLY	LOADING (DI)	
		015B	79096516	4560R-0008A	PULLEY	MOTOR	
		015C	79096515	4680HP2001A	MOTOR(MECH)	RF-300CH-11440(SHAFT 6.05L)M/C	
		015C	AF000065	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		015C	AF000064	4680R-D003A	MOTOR(MECH)	LOADING RF-300EH-1D390 MABUCHI	
		015C	AF000057	4680HP2011A	MOTOR(MECH)	PC200DG-21651C JOHNSON LOADING	
		015C	AF000066	4680R-E010A	MOTOR(MECH)	FEEDING BCZ3B51 SANKYO FOR DP7	
		017	79096236	4470R-0056A	GEAR	LOADING	
		018	79096240	4974R-0023A	GUIDE	UP/DOWN	

S	AL	LOCA. NO.	TOSHIBA PART NO.	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		020	AF000330	3040R-D006A	BASE	DP-7C(04.COMBI) MOLD 1-BOARD	NSP
		021	AF000062	4680R-C011A	MOTOR(MECH)	SPINDLE JCL9B68 SANKYO FOR COM	
		022	79096514	4681R-0034C	MOTOR ASSEMBLY	DECK/MECHA FEED DP-7C(DI)	
		024	AF000054	4470R-0131A	GEAR	PINION DP7C	
		024A	79096508	5006R-0044A	CAP	SKEW-T DP7C	
		024B	79096509	5006R-0043A	CAP	SKEW DP7C	
		025	79096518	4470R-0130A	GEAR	MIDDLE DP7C	
		026	AF000353	3390R-0017A	TRAY	DVD DISC(DP-7C-SLIM) MOLD	
		028	79096520	4370R-0082B	SHAFT	DECK/MECHA PU R DP-7C OTHER	
		029	AF000049	4370R-0082A	SHAFT	PU DP-7C	
		030	79096517	4471R-0013C	GEAR ASSEMBLY	DECK/MECHA RACK DP-7C(7A) DI	
		031	AF000466	6716DPH005B	PICK UP,DVD	PVR-502W R52 0219 MITSUMI PLAY	
		031	AF000467	6716DPH006B	PICK UP,DVD	SPU3151C SANKYO PLAYER FOR VE	
		429	79096221	1SZZR-0012A	SCREW,DRAWING	B-TITE	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		433	79096541	1SZZR-0050A	SCREW,DRAWING	+ 1 D2.0 L4.5 SWRCH16A/ZNY S-T	
		435	79097902	1SZZR-0011A	SCREW,DRAWING	MACHINE	

MEMO

NOTES) If you want to purchase Flash memory, you must order "IC6A1A"

NOTES) ⚠ Warning
Parts that are shaded are critical With respect to risk of fire or electricial shock.

SECTION 6 REPLACEMENT PARTS LIST

TOSHIBA MODEL : SD-24VE-S-TE

NSP : Not avallable as service parts.

RUN DATE : 05-MARCH-04

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		*** INDIVIDUAL PARTS ***					
		250	AF000340	3110R-V024B	CASE	VBW8024 PRESS TOP A288G B:3,S:	
		274	AF000351	3300R-V103A	PLATE	TOSHIBA PRESS JACK	
		276	AF000418	4930R-0471A	HOLDER	VCR ONE BOARD SLIM MOLD HF-380	
⚠		300	AF000445	6410RCHP02D	POWER CORD	HIT-102/H03VHH2-F (ST-HS:80MM)	
		457	79097907	353-051E	SCREW,DRAWING	SPECIAL (3X12)	
		462	AF000355	353-051K	SCREW,DRAWING	+ 2 D3.0 - MSWR3/FN L23.5 X13.	
		465	79097903	353-046K	SCREW,DRAWING	SPECIAL (3X10 B.K)	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		467	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		468	AF000354	353-051J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FN TB ROUN	
		*** PACKING ACCESSORY ***					
		801	AF000368	3835RV0004E	INSTRUCTION ASSEMBLY	VCR VBC8016SK.NA3FTT TOSHIBA E	
		802	AF000371	3890R-C123A	BOX	VBC8016SK NA3FTT SWW3-A	
		803	AF000373	3920R-E104A	PACKING,CASING	V89/88 0.02 80 EPS 4 937 1984	
		804	79096262	292-053B	BAG	SOFT(MIDI)	NSP
		808	79096451	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
		806	AF000472	6850R-CAA2H	CABLE,COAXIAL	RF PAL DOUBLE SHIELD DT_HY_HIT	
		810	AF000480	6851R-0072B	CABLE ASSEMBLY	PAL RF 1.2M + 21PIN SCART 1.5M	
		821	AF000477	6850R-SUA2F	CABLE,COAXIAL	SCART TO SCART 21 PIN DT_HY_HI	
		*** REMOTE CONTROLLER ***					
		900	AF000092	6711R2N080E	REMOTE CONTROLLER ASSEMBLY	TOSHIBA VB602NPK NA3GTTC W/O S	
		*** PANEL ASSEMBLY , FRONT ***					
		A43	AF000366	3721R-F837D	PANEL ASSEMBLY,FRONT	VCR VBC8016SK.NA3FTT FRONT	
		280	AF000363	3720R-F774B	PANEL,VIDEO	VCR VBC8016P1K MOLD FRONT(SPOO	NSP
		283	AF000361	3580R-V099D	DOOR	VCR VBC8016SK.NA3FTT MOLD CST	
		284	79096419	442-681A	SPRING	DOOR	
		285	AF000358	3580R-T132D	DOOR	VCR VBC8016SK.NA3FTT MOLD TRAY	
		286	AF000422	4970R-0146A	SPRING	PLATE DR4000 SPRING	
		*** CHASSIS ASSEMBLY ***					
		A44	AF000347	3141R-V017K	CHASSIS ASSEMBLY	VBC8016SK MAIN	
		260	AF000349	3210R-V011B	FRAME	COMBI 3 MOLD HIPS 60HR BK	NSP
		261A	AF000430	5040H-1016U	RUBBER	VCR SLIM-COMBI OTHER DS08*D22	
		265	AF000413	4930R-0384A	HOLDER	POWER CORD	
		330	AF000342	3140R-V010A	CHASSIS	ONE BOARD PRESS SECC 0.8T	
		452	79097905	353-051A	SCREW,DRAWING	SPECIAL	
		*** PWB(PCB) ASSEMBLY , TOTAL POWER ***					
		A47	AF000481	6871R-5377A	PWB(PCB) ASSEMBLY,TOTAL	SMPS VC8806P1K SERIES (DI)	
		BD101	79096005	0DD160000DA	DIODE,RECTIFIERS	S1WBA60 BK SHINDENGEN - 600V -	
⚠		C101	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		C102	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
		C103	79096500	624-082C	CAPACITOR,AL.ELECTROLYTIC	100MF/400V SHL SMPS S/Y	
		C104	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C105	79092033	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C106	79096651	624-087G	CAPACITOR	HIGH-VOL 68PF/1KV SMPS SAMHWA	
		C109	79092001	0CE1064K638	CAPACITOR,FIXED ELECTROLYTIC	10M SRA 50V M FM5 TP(5)	
⚠		C110	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C111	79096148	0CG2220U630	CAPACITOR,SEMI CERAMIC	2200 PF 400V M E R (NK,AD,SD)	
		C117	79096617	0CE337EK630	CAPACITOR,AL.ELECTROLYTIC	330UF KMG 50V M FM5 BULK	
		C123	79092010	0CE477BH630	CAPACITOR,AL.ELECTROLYTIC	470UF KME TYPE 25V M FM5 BULK	
		C127	79092003	0CE108BF630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME 16V M FM5 BULK	
		C129	AF000268	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C131	79096460	624-082H	CAPACITOR	CE 1000UF/10V SHL(10*12.5)T/P	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C132	79092035	624-085D	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C133	79098731	0CQ1042K409	CAPACITOR,FIXED FILM	0.1UF S 50V 5% PE TP5	
		C135	79096303	0CN223AK948	CAPACITOR,TUBULAR(HIGH DIELEC)	0.022UF 50V Z F TA26 S	
		C163	79096243	624-087D	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
		D101	79096006	0DD221009AA	DIODE,RECTIFIERS	ERA22-10 KFLB,TP ,R T/P,FUJI	
		D102	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D106	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D110	79097505	0DD400000AD	DIODE,RECTIFIERS	RU4YX BK SANKEN - - - - - -	
		D110	79096308	0DR302000AB	DIODE,RECTIFIERS	HER302 BK RECTRON DO201AD 100V	
		D111	79096009	0DR158220AA	DIODE,RECTIFIERS	1N5822 BK RECTRON DO201AD 40V	
		D113	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D118	79096590	0DR104510AA	DIODE,RECTIFIERS	B10A45V1 BK KEC TO220 45V 10A	
⚠		F101	79096588	0FS1601B51D	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS/J	
		FH01	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		FH02	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
⚠		IC101	AF000302	0IPMGFA053A	IC,POWER MANAGEMENT	FSDL0365RN FAIRCHILD 8PIN,DIP	
⚠		IC102	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		IC103	79094010	0IKE431000A	IC,KEC	KIA431 3 PIN TP	
⚠		L102	AF000434	616-145E	FILTER(CIRC),DRAWING	KSE-145E KSE LINE FILTER SQ211	
⚠		L102	79096456	616-145G	FILTER(CIRC),DRAWING	SHT LFSQ2215V4-04220	
		L125	79098794	633-088D	COIL,CHOKE	20UH KWANGSUNG LEAD CUT	
		R100	79093009	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R101	79093056	614-007A	RESISTOR	2.7/2W CEMENT SMPS V	
		R104	79093055	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R105	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R112	79093011	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R113	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R114	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R115	79096375	0RN3301F408	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1% TA26	
		R116	79096374	0RN2701F408	RESISTOR,FIXED METAL FILM	2.7K OHM 1/6 W 1% TA26	
		R117	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R119	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R130	79093006	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
⚠		T101	AF000435	6170RNGW12G	TRANSFORMER,SMPS[COIL]	EER2828 SAMWHA 2004 COMBI CLO	
⚠		V101	79098795	656-004C	VARISTOR,DRAWING	SVC681D-10A SAMHWA 4.O CUT	
		***	**PWB(PCB) ASSEMBLY , TOTAL TIMER+KEY**	***			
		A50	AF000483	6871R-7788A	PWB(PCB) ASSEMBLY,TOTAL	TIMER+KEY TOSHIBA(DI)	
		C601	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C611	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C611	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C612	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C6G1	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C6G2	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		IC601	AF000296	0ILNRPY001A	IC,LINEAR	PT6955 PTC 24P SOP ST LED DRIV	
		JK601	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK602	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		JK603	AF000456	6612JH003AD	JACK,RCA	RCA-102H(BK) YUQIU BLACK	
		L602	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L603	79096332	0LA1000K018	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP	
		L6G1	AF000308	0LR4700K035	INDUCTOR RADIAL LEAD	470M K 6X6 L5 TP	
		LED601	AF000441	6301R2U012A	LED ASSEMBLY	TOS-3667AGMGMRMY-B OASIS UNIVE	
		LED601	AF000442	6301R3U012A	LED ASSEMBLY	F3C5-3GWB EVERLIGHT UNIVERSAL	
		LED602	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		LED603	79096306	0DL112000AK	DIODE,LED	DL-11S2GNS(SUPPER,GREEN,03)KOC	
		Q601	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		Q602	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		R604	79096341	0RD5602F608	RESISTOR,FIXED CARBON FILM	56K OHM 1/6 W 5% TA26	
		R605	79093014	0RD3300F608	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5% TA26	
		R611	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R612	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R613	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R613	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R614	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R615	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R616	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R617	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R618	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R618	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R619	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R620	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R631	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R632	79093010	0RD1800F608	RESISTOR,FIXED CARBON FILM	180 OHM 1/6 W 5% TA26	
		R641	79098759	0RD0752F608	RESISTOR,FIXED CARBON FILM	75 OHM 1/6 W 5.00% TA26	
		RC601	AF000465	6712R1638GB	REMOTE CONTROLLER RECEIVER	TSOP4438RF1 VISHAY 38KHZ =TSOP	
		SW601	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW601	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW601	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW602	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW602	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW602	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW603	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW603	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW603	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW604	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW604	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW604	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW605	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW605	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW605	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW606	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW606	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW606	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW607	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW607	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW607	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW608	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW608	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW608	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW609	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW609	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW609	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW610	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW610	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW610	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW611	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW611	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		SW611	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW612	AF000452	6600RRT001Q	SWITCH,TACT	SKHVBE3520-AA FORWARD 12V DC 5	
		SW612	AF000451	6600R000036	SWITCH,TACT	EVQ 225 05R MATSUSHITA 15VDC 2	
		SW612	79097338	556-219B	SWITCH,TACT	THVV502GAA POSTECH DC 12 V 5-	
		***** SUB ASSEMBLY , MAIN(VCR+DVD) *****					
		A46	AF000486	6885R-261AT	SUB PWB(PCB) ASSEMBLY	465202D7110534 000000 80020000	
		323	AF000341	3111R-0089E	CASE ASSEMBLY	PRE AMP SLIM COMBI C-CORE A NO	
		BC91	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		BC92	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		C126	79096270	0CE2276H638	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 25V 20% FM5 TP 5	
		C128	79092007	0CE3376D638	CAPACITOR,ELECTROLYTIC	330UF SMS 10V M FM5 TP5	
		C151	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C152	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C153	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C154	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C155	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C162	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C201	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C203	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C207	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C208	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C211	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C212	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C233	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C234	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C241	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C243	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C244	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C245	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C254	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C255	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C257	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C258	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C259	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C260	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C262	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C263	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C264	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C265	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C266	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C267	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C268	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C269	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C270	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C271	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C272	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C273	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C274	79096596	0CH4471K412	CAPACITOR,CHIP[CERAMIC M/L TC	470PF 50V J NP0 1508 R/TP	
		C276	79092023	0CH4100K112	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C277	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C278	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C279	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C280	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C281	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C292	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C293	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C295	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C296	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C297	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C298	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C302	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C303	AF000273	0CH1122K562	CAPACITOR,FIXED CERAMIC(Temp.c	1200PF 50V 10% X7R(X) 1608 R/T	
		C304	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C305	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C306	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C307	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C308	AF000290	0CQ1532K409	CAPACITOR,FIXED FILM	0.015UF S 50V 5% PE TP5	
		C309	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C310	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C311	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C312	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C314	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C315	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C316	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C317	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C318	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C319	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C320	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C321	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C322	79098703	0CE1063F638	CAPACITOR,AL.ELECTROLYTIC	10M SRE/SE 16V M FM5 TP(5)	
		C323	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C324	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C325	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C326	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C327	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C328	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C329	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C330	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C331	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C333	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C334	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C335	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C336	79096615	0CE4763F638	CAPACITOR,ELECTROLYTIC	47M SRE 16V M FM5 TP(5)	
		C337	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C338	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C339	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C340	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C341	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C342	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C343	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C345	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C346	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C347	AF000266	0CE1053K638	CAPACITOR,AL.ELECTROLYTIC	1.0M SRE/SE50V M FM5 TP(5)	
		C348	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C349	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C350	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C351	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C353	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C355	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C356	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C357	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C358	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C359	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C360	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C361	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C362	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C363	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C366	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C367	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C368	AF000278	0CH1822K562	CAPACITOR,FIXED CERAMIC(Temp.c	8200PF 50V 10% X7R(X) 1608 R/T	
		C370	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C371	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C372	AF000288	0CH4820K412	CHIP CAPA CERAMIC M/L T.C F/S	82P 50V J COG 1.6X0.8 R/TP	
		C374	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C375	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C376	AF000270	0CH1104K512	CAPACITOR,FIXED CERAMIC(Temp.c	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C3S1	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3S2	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3S3	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C3S4	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C3S5	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C3S6	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3S7	79096616	0CE4744K638	CAPACITOR,ELECTROLYTIC	0.47M SRA 50V M FM5 TP(5)	
		C3S8	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3S9	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3T1	79096616	0CE4744K638	CAPACITOR,ELECTROLYTIC	0.47M SRA 50V M FM5 TP(5)	
		C3T2	AF000005	0CQ2222K409	CAPACITOR,FIXED FILM	2200PF S 50V 5% PE TP5	
		C3T3	AF000005	0CQ2222K409	CAPACITOR,FIXED FILM	2200PF S 50V 5% PE TP5	
		C3T4	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C3T5	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C3T6	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C3T7	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C401	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C402	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C403	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C404	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C405	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C406	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C407	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C408	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C409	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C410	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C411	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C412	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C413	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C414	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C415	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C416	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C417	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C418	79098722	0CH4271K412	CAPACITOR,FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		C419	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C420	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C421	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C422	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C423	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C424	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C425	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C426	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C500	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C501	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C502	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C503	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C504	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C505	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C506	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C508	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C509	79092024	0CH4220K412	CAPA,CHIP CERAMIC M/L T.C F/S	22P 50V J COG 1.6X0.8 R/TP	
		C511	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C512	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C513	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C514	AF000280	0CH4120K412	CHIP CAPA CERAMIC M/L T.C F/S	12P 50V J COG 1.6X0.8 R/TP	
		C515	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C516	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C518	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C519	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C521	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C523	79096269	0CE2254K638	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SRA,SS 50V 20% FM5 TP 5	
		C524	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C525	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C526	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C527	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C533	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C534	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C535	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C543	AF000274	0CH1222K512	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C544	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C545	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C546	79097109	0CE4764J638	CAPACITOR,AL.ELECTROLYTIC	47UF SRA,SS 35V M FM5 TP 5	
		C547	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C551	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C552	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C561	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C564	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C567	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C570	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C571	AF000281	0CH4150K412	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C575	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C576	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C577	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C581	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C582	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C583	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C589	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C596	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A3	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A4	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5A5	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5K1	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5L1	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C5L6	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C5P1	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5P2	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C5S1	79096597	0CH4430K416	CAPACITOR,FIXED CERAMIC(High d	43PF 50V J NP0 2012 R/TP	
		C5S3	79092017	0CH1223K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.022UF 50V Z Y5V(F) 1508 R/TP	
		C601	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C602	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C603	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C604	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C605	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C606	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C607	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C608	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C609	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C610	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C612	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C613	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C614	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C615	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C616	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C617	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C618	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C619	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C620	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C621	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C622	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C623	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C624	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C625	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C627	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C629	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C630	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C631	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C632	79098720	0CH4180K412	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C633	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C634	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C635	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C636	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C637	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C638	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C639	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C640	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C641	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C642	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C643	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C644	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C645	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C646	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C647	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C648	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C649	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C650	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C651	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C652	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C653	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C654	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C657	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C658	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C659	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C661	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C662	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C663	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C664	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C665	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C666	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C667	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C668	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C669	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C670	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C671	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C672	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C673	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C675	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C676	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C677	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C678	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C679	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C680	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C681	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C682	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C684	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C685	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C686	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C687	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C689	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C690	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C691	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C702	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C703	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C704	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C706	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C707	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C709	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C710	79096275	0CE4754K638	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SRA,SS 50V 20% FM5 TP 5	
		C712	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C713	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C714	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C715	AF000279	0CH4050K012	CAPACITOR,FIXED CERAMIC(HIGH D	5PF 50V O.25 PF NP0 1608 R/TP	
		C716	79096152	0CH4100K412	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C717	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C718	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C719	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C720	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C721	AF000275	0CH1392K512	CAPACITOR,FIXED CERAMIC(Temp.c	3900PF 50V 10% B(5YP) 1608 R/T	
		C722	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C723	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C726	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C727	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C728	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C729	79096272	0CE3354K638	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SRA,SS 50V 20% FM5 TP 5	
		C732	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C751	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C752	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7S1	79096273	0CE3364F638	CAPACITOR,ELECTROLYTIC	33M SRA 16V M FM5 TP(5)	
		C7S2	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C7V1	79096276	0CE4764C638	CAPACITOR,ELECTROLYTIC	47M SRA 6.3V M FM5 TP(5)	
		C7V2	AF000269	0CH1103K512	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C7V3	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C7V4	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C7V5	79092021	0CH1473H942	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C802	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C803	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C804	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C805	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C806	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C807	79096616	0CE4744K638	CAPACITOR,ELECTROLYTIC	0.47M SRA 50V M FM5 TP(5)	
		C810	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C811	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C812	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C813	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C814	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C815	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C816	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C817	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C818	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C819	AF000277	0CH1682K512	CAPACITOR,FIXED CERAMIC(Temp.c	6800PF 50V 10% B(5YP) 1608 R/T	
		C820	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C821	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C822	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C823	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C824	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C825	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C826	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C828	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C829	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C855	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C856	AF000271	0CH1105F942	CAPACITOR,FIXED CERAMIC(Temp.c	1000000PF 16V 80%,-20% Y5V(F)	
		C857	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C859	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C860	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C861	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C862	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C863	79097108	0CE4764F638	CAPACITOR,ELECTROLYTIC	47M SRA/SS 16V M FM5 TP(5)	
		C864	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C865	AF000286	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C867	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C870	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C871	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C884	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C885	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C886	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C887	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C888	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C889	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C890	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C901	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C902	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C912	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C915	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C916	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C921	79096022	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C931	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C932	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C933	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C934	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C935	79096020	0CE4775C638	CAPACITOR,FIXED ELECTROLYTIC	470UF SR,SV 6.3V 20% FM5 TP 5	
		C938	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C941	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C942	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C943	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C944	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C945	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		C946	AF000291	0CQ3921N449	CAPACITOR,FIXED FILM	3900PF D 100V 5% PP TP5	
		CS501	AF000450	6600M000026	SWITCH,PUSH	MPU12970MLB0 VCR CST IN S/W MI	
		D111	79096023	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D114	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D117	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D118	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D121	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D122	79096008	0DR104009AB	DIODE,RECTIFIERS	RL104 R. TP GULF SEMICONDUCTOR	
		D301	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D401	79096310	0DSRM00118A	DIODE,SWITCHING	DAP202K T146 ROHM R/TP SMD 80V	
		D502	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D509	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D801	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D802	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		ES501	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		ES502	AF000420	4931R-0085C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		F602	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC151	AF000113	0IPMGJR007A	IC,POWER MANAGEMENT	NJM2396F08 JRC 4PIN TO-220 ST	
		IC151	79098753	0IPMGKE008B	IC,POWER MANAGEMENT	KIA78R08PI/API CU KEC 4P TO-22	
		IC151	AF000115	0IPMGSH009A	IC,POWER MANAGEMENT	PQ08RD1L SHARP 4PIN TO-220 ST	
		IC151	79098749	0IPMGFA016A	IC,POWER MANAGEMENT	KA78R08TSTU FAIRCHILD 4P TO-22	
		IC152	AF000160	0ISH313000C	IC,SHARP	PQ3RD13L 4PIN TO-220 ST 3.3V L	
		IC152	79098752	0IPMGKE006B	IC,POWER MANAGEMENT	KIA78R33PI CU KEC 4P TO-220IS	
		IC152	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC201	AF000295	0ILNRNF006C	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	79096583	0ILNRSA005B	IC,LINEAR	LA71750EM SANYO 100PIN QFP TRA	
		IC3S1	AF000185	0ILNRSA007B	IC,LINEAR	LA70100M-TRM SANYO 30PIN SOP R	
		IC401	AF000303	0IPRPCI002B	IC,PERIPHERALS	CS4392-KZR CIRRUS LOGIC 20 TSS	
		IC402	AF000298	0ILNRUC001A	IC,LINEAR	MC4580 UTC 8PIN,SOP R/TP 2CH O	
		IC402	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC501	AF000299	0IMCRHI035A	IC,MICRO CONTROLLER	HD6432197SA37F HITACHI 112PIN	
		IC503	79096319	0IAL241600B	IC,ATMEL	AT24C16 - - - -	
		IC503	AF000009	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC503	79096320	0ICS241600B	IC,CATALYST	CAT24WC16P 8P DIP ST 16K SERIA	
		IC504	79096322	0IKE703100A	IC,KEC	KIA7031P 3P 3.1V RESET(TAPING)	
		IC504	AF000014	0ISS753100A	IC,SAMSUNG ELECTRONICS	KA7531Z TO-92 TP 3.1V RESET	
		IC505	79098739	0IKE704200B	IC,KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC601	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC601	AF000111	0ILNRNF007B	IC,LINEAR	MT1379DEC,DEC/CA MEDIATEK INCO	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		IC602	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC602	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC602	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC603	AF000301	0IMMREB006C	IC,MEMORIES	M12L16161A-7T ESMT 50PIN,TSOP	
		IC603	79096581	0IMMREB006A	IC,MEMORIES	M12L16161A-7T-TI ELITE MEMORY	
		IC603	AF000238	0IMMRHY001A	IC,MEMORIES	HY57V161610DTC-7 HYUNDAI 50P T	
		IC604	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC606	79097140	0IFA742440F	IC,FAIRCHILD	MM74HCT244SJ 20P SOIC TP 3-STA	
		IC6A1A	AF000489	6957R-601AK	PROGRAM	DVD PROGRAM #2 EGFSID TOSHIBA	
		IC6A2	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC751	AF000010	0IIT341700C	IC,ITT	MSP3417G-QG-B8-V3 44 QFP TRAY	
		IC7V1	AF000294	0ILNRMN001B	IC,LINEAR	SDA5650X GEG MICRONAS 20PIN SO	
		IC801	79096579	0IPH960500A	IC,PHILIPS	TDA9605H QFP44 BK HIFI AMP+HIF	
		IC802	AF000117	0IPRPMT009A	IC,PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		J501	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J502	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J701	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J702	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		J911	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		JK902	AF000455	6612J00050C	JACK,RCA	RCA-910A-00-01 YUQIU 2004 COMB	
		JK903	AF000087	6612K00003B	JACK,FIBER OPTIC	PLT131/T5/12(12MBPS) EVERLIGHT	
		JK904	AF000453	6612B00011A	JACK,DIN	DIN405 YUQIU 2004 COMBI	
		L111	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L122	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L122	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L123	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L123	AF000433	6140R-C011A	COIL,RF	CHOKE COIL TDK 22UH(=633-088G	
		L201	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L202	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L204	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L231	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L251	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L261	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L262	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L264	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L265	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L301	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L301	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L301	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L303	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L303	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L303	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L304	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L304	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L304	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L305	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L306	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L307	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L307	AF000103	GLR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L307	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L308	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L3S1	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L501	79096575	0LA0122K018	INDUCTOR AXIAL LEAD	12M K 2.3X3.4 L5 TP	
		L503	79096569	0LR1000J0N5	INDUCTOR,RADIAL LEAD	100UH 5% TP 3X5 TR5	
		L504	79096570	0LR0102J0N5	INDUCTOR,RADIAL LEAD	10UH 5% TP 3X5 TR5 -	
		L504	AF000016	0LR0102K0P5	INDUCTOR,RADIAL LEAD	LF7.5N OEL 10UH 10% TP 4.8X4.0	
		L505	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L506	AF000083	635-027C	INDUCTOR,RADIAL LEAD	EL0405RA SKI150G-3 K-TDK 15UH	
		L5S1	79096574	0LA0332K018	INDUCTOR AXIAL LEAD	33M K 2.3X3.4 L5 TP	
		L601	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L602	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L603	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L604	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L606	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L701	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L702	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L704	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L705	79096333	0LR0102K035	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		L7V1	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L801	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L803	79098758	0LR1000K035	INDUCTOR RADIAL LEAD	100M K 6X6 L5 TP	
		L901	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L902	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L903	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L904	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L905	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L906	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L907	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L908	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L909	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L910	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L911	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L912	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L913	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L916	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L917	AF000015	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L918	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L919	79096572	0LCCE00004L	INDUCTOR,CHIP	1UH , CHIP2012 CERATECH R/TP	
		L920	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L921	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L922	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		LD501	AF000421	4931R-0089C	HOLDER ASSEMBLY	VCR DECK/MECHA END(S)	
		MS501	AF000448	6600JR3002D	SWITCH,MODE	SSS-51MD-3 SHINMEI 5VDC 1MA D3	
		MS501	AF000449	6600JR3002E	SWITCH,MODE	MMS01080ZMBO MIC 5VDC 1MA D37	
		Q150	AF000328	0TRAU90024A	TRANSISTOR,BIPOLARS	STA353 AUK KOREA TP MPAK -40V	
		Q153	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q153	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q153	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q154	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q156	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q161	79097532	0TR126809BA	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q162	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q163	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q163	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q163	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q164	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q173	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q201	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q202	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q203	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q204	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q205	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q301	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q302	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q303	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q304	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q305	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q306	79096378	0TR534409AA	TRANSISTOR	2SC5344Y TP	
		Q306	79096543	0TR320309AA	TRANSISTOR,BIPOLARS	KTC3203 KEC TP TO92 50V 150MA	
		Q309	79095005	0TR150409AC	TRANSISTOR	KTA1504-GR-T1(ASG) CHIP KEC	
		Q311	AF000326	0TR319909AA	TRANSISTOR	KTC3199-GR (2SC3199) TP KEC TO	
		Q401	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q404	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	
		Q405	79096031	0TR103009AC	TRANSISTOR	KRA103S-T1(PC)22-22 CHIP KEC	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		Q501	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q502	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q503	AF000327	0TR928009AD	TRANSISTOR	KSA928A-Y,TO-92L TP SAMSUNG TO	
		Q503	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		Q503	AF000324	0TR127709AB	TRANSISTOR,BIPOLARS	AUK KOREA STB1277LY-AT TP TO-9	
		Q504	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q514	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q515	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q5S1	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q601	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q7S1	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q7S2	79095001	0TR103009AA	TRANSISTOR	CHIP KRC103S-T1(NC)22-22 KEC	
		Q801	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q802	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q901	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q902	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q903	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		R110	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R150	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R151	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R152	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R153	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R154	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R155	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R156	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R157	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R158	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R159	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R160	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R161	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R162	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R164	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R170	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R172	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R173	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R174	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R175	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R176	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R177	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R181	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R182	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R201	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R202	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R203	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R205	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R206	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R207	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R208	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R209	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R210	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R211	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R212	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R213	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R214	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R215	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R216	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R217	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R218	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R220	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R221	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R223	AF000309	0RH0201D622	RESISTOR,METAL GLAZED(CHIP)	2 OHM 1 / 10 W 2012 5.00% D	
		R231	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R232	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R233	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R234	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R235	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R236	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R237	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R238	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R239	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R240	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R241	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R242	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R243	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R244	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R245	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R251	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R252	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R253	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R254	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R255	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R257	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R258	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R259	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R280	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R281	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R282	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R301	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R302	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R303	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R304	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R305	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R306	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R307	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R308	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R309	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R310	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R311	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R312	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R313	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R314	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R315	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R318	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R318	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R319	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R320	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R321	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R322	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R324	AF000317	0RH3303C622	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R325	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R326	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R327	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R328	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R329	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R330	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R331	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R332	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R333	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R333	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R334	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R335	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R336	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R337	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R338	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R339	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R340	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R342	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R343	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R345	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R346	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R347	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R348	AF000311	0RH1504C622	RESISTOR,METAL GLAZED(CHIP)	1.5M OHM 1 / 16 W 1608 5.00% D	
		R349	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R350	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R351	AF000322	0RH8203C622	RESISTOR,METAL GLAZED(CHIP)	820K OHM 1 / 16 W 1608 5.00% D	
		R352	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R353	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R356	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R365	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R366	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R368	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R375	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R3S1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R3S3	AF000313	0RH2204C622	RESISTOR,METAL GLAZED(CHIP)	2.2M OHM 1 / 16 W 1608 5.00% D	
		R3S4	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R401	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R402	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R403	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R404	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R405	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R407	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R408	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R409	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R410	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R411	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R412	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R413	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R414	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R415	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R416	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R417	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R418	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R419	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R420	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R421	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R422	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R423	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R424	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R425	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R426	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R427	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R501	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R502	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R503	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R504	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R505	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R506	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R508	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R509	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R510	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R511	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R512	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R513	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R514	AF000310	0RH1203C622	RESISTOR,METAL GLAZED(CHIP)	120K OHM 1 / 16 W 1608 5.00% D	
		R515	AF000314	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R516	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R517	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R518	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R519	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R520	79096361	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R520	79096216	0RH3901C622	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R521	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R522	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R523	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R524	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R525	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R526	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R527	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R528	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R529	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R530	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R531	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R535	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R536	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R537	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R538	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R539	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R542	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R543	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R544	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R545	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R546	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R547	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R548	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R550	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R553	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R555	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R556	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R557	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R558	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R559	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R560	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R561	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R562	79093046	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R563	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R564	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R566	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R567	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R568	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R569	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R570	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R575	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R576	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R577	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R578	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R579	79098774	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R582	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R583	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R589	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R591	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R5A2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A5	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R5B3	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B4	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5B5	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R5C1	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C5	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C6	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C7	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C9	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5G1	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5G2	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5K6	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K7	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5K8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R5P2	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5P3	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5R8	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5S1	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R5S2	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R601	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R602	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R603	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R604	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R605	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R606	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R607	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R608	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R609	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R610	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R611	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R612	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R613	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R615	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R615	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R616	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R617	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R618	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R619	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R620	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R621	AF000307	0LCCE00031A	INDUCTOR,CHIP	HB-1T1608-300JT CERATECH R/TP	
		R622	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R622	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R623	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R624	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R625	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R626	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R627	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R628	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R629	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R630	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R631	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R634	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R635	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R636	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R640	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R642	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R643	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R644	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R645	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R646	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R647	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R648	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R651	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R652	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R653	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R654	79098768	0RH1100C622	RESISTOR,METAL GLAZED(CHIP)	110 OHM 1 / 16 W 1608 5.00% D	
		R655	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R656	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R657	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R659	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R660	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R661	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R662	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R665	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R667	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R680	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R681	AF000305	0LCCE00029A	INDUCTOR,CHIP	HB-1T1608-121JT CERATECH R/TP	
		R682	AF000306	0LCCE00030A	INDUCTOR,CHIP	HB-1T1608-301JT CERATECH R/TP	
		R705	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R706	79098771	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R707	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R710	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R711	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R712	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R713	79093047	0RH5601C622	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R715	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R716	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R717	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R718	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7S1	79093040	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R7V1	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R7V2	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R7V3	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V4	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V5	79093050	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R7V6	AF000319	0RH5603C622	RESISTOR,METAL GLAZED(CHIP)	560K OHM 1 / 16 W 1608 5.00% D	
		R7V7	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7V8	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7V9	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R801	AF000318	0RH3304C622	RESISTOR,METAL GLAZED(CHIP)	3.3M OHM 1 / 16 W 1608 5.00% D	
		R802	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R803	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R804	79093043	0RH3902C622	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R805	AF000315	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R806	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R807	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R808	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R809	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R810	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R811	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R812	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R821	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R822	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R823	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R824	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R825	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R826	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R850	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R851	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R863	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R864	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R866	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R867	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R868	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R874	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R875	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R876	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R881	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R882	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R891	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R892	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R901	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R902	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R903	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R904	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R905	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R906	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R907	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R908	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R909	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R910	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R911	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R912	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R913	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R914	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R919	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R920	79093049	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R921	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R923	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R925	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R926	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R927	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R930	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R933	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R934	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R935	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R937	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R938	79093023	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R939	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R940	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R941	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R942	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R943	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R944	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		RS501	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		RS502	AF000446	6500RAB008A	SENSOR	KIT-3001A REEL SENSOR KODENSHI	
		SC901	AF000457	6612M00006A	JACK,SCART	DSAM-0341 DOOWON	
		SW901	79098797	6600R-SH18A	SWITCH,TACT	CSS-4206 CHANGSHIN DC 30 V 10	
		TU701	AF000462	6700PFPL07A	TUNER	TADM-S101D(SECAM,LGIT) LG INOT	
		TU701	AF000460	6700PFPG05A	TUNER	TCPL0601PD20C(SECAM,SS) SS PAL	
		X301	AF000438	6212AA2443Z	RESONATOR,CRYSTAL	HC-49S CSC/KITELCO 4.433619MHZ	
		X501	AF000080	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X501	AF000079	6202R31001F	RESONATOR,CRYSTAL	HC-49S KEUMSEOK 10-0000MHZ 30P	
		X501	AF000081	6212AA2100C	RESONATOR,CRYSTAL	HC-49S BUBANG 10MHZ +/- 30 PPM	
		X502	79096501	6202R-DA01B	RESONATOR,CRYSTAL	CFS-308 CITIZEN 32.768KHZ +/-	
		X502	AF000082	6212AC2327E	RESONATOR,CRYSTAL	C-001R SEIKO EPSON 32.768 KHZ	
		X601	79097346	6202R-BL06C	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 15	
		X751	79096507	529-021Q	RESONATOR,CRYSTAL	49U BUBANG 18432000HZ 30PPM 16	
		X751	AF000137	6212AA2184F	RESONATOR,CRYSTAL	HC-49U KYUNGIL 18.432MHZ +/- 3	
		ZD103	AF000292	0DZ132609BB	DIODE,ZENER	UZ-13BSA 26MM TP PYUNG CHANG	
		ZD507	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD508	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD601	79096017	0DZ562609BB	DIODE,ZENER	UZ-5.6BSB 26MM TP PYUNG CHANG	
		ZD801	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		ZD802	AF000109	0DZKE00018A	DIODE,ZENERS	Z02W7.5V KEC R/TP SOT23 250MW	
		*** DECK ASSEMBLY(DVD MD) ***					
		A26	AF000468	6721RF0384C	DECK ASSEMBLY,VIDEO	DVD DP-7C 1 BOARD SLIM	NSP
		A01	79096511	4861R-0016C	CLAMP ASSEMBLY	DECK/MECHA DISC DP-7 (DI)	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		A02	AF000333	3041R-D014A	BASE ASSEMBLY	MAIN(DP-7C 1 BOARD SLIM)	
		A03	AF000334	3041R-M026A	BASE ASSEMBLY	SLED DP-7C 1 BOARD	
		001	79097006	3300R-0547A	PLATE	CLAMP	NSP
		002	79097007	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)	NSP
		003	AF000069	4860R-0021A	CLAMP	UPPER DP7	NSP
		004	79097553	4930R-0171A	HOLDER	CLAMP	
		010	79097364	6850R-GK12A	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 11	
		011	79096531	3210R-M002A	FRAME	UP/DOWN MOLD DP7C	
		011A	AF000474	6850R-JW20Z	CABLE,FLAT	P=1.0 FFC UL2896(0.035X0.7) 23	
		012	AF000076	5040R-0075D	RUBBER	DAMPER DP7 (YAMAUCHI 30)	
		012	79096652	5040R-0075B	RUBBER	DAMPER DP7 (CHUNG PUNG 30)	
		013	AF000050	4400R-0006B	BELT	DECK/MECHA DP2-5, DP7C,DP7A OT	
		014	79096235	4470R-0055A	GEAR	PULLEY	
		015	79096477	6871RZ5130A	PWB(PCB) ASSEMBLY,OTHERS	SUB,L/D (DP-4V,DVD+VCR) DI	
		015A	79096513	4681R-1023E	MOTOR ASSEMBLY	LOADING (DI)	
		015B	79096516	4560R-0008A	PULLEY	MOTOR	
		015C	79096515	4680HP2001A	MOTOR(MECH)	RF-300CH-11440(SHAFT 6.05L)M/C	
		015C	AF000065	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		015C	AF000064	4680R-D003A	MOTOR(MECH)	LOADING RF-300EH-1D390 MABUCHI	
		015C	AF000057	4680HP2011A	MOTOR(MECH)	PC200DG-21651C JOHNSON LOADING	
		015C	AF000066	4680R-E010A	MOTOR(MECH)	FEEDING BCZ3B51 SANKYO FOR DP7	
		017	79096236	4470R-0056A	GEAR	LOADING	
		018	79096240	4974R-0023A	GUIDE	UP/DOWN	
		020	AF000330	3040R-D006A	BASE	DP-7C(04.COMBI) MOLD 1-BOARD	NSP
		021	AF000062	4680R-C011A	MOTOR(MECH)	SPINDLE JCL9B68 SANKYO FOR COM	
		022	79096514	4681R-0034C	MOTOR ASSEMBLY	DECK/MECHA FEED DP-7C(DI)	
		024	AF000054	4470R-0131A	GEAR	PINION DP7C	
		024A	79096508	5006R-0044A	CAP	SKEW-T DP7C	
		024B	79096509	5006R-0043A	CAP	SKEW DP7C	
		025	79096518	4470R-0130A	GEAR	MIDDLE DP7C	
		026	AF000353	3390R-0017A	TRAY	DVD DISC(DP-7C-SLIM) MOLD	
		028	79096520	4370R-0082B	SHAFT	DECK/MECHA PU R DP-7C OTHER	
		029	AF000049	4370R-0082A	SHAFT	PU DP-7C	
		030	79096517	4471R-0013C	GEAR ASSEMBLY	DECK/MECHA RACK DP-7C(7A) DI	
		031	AF000466	6716DPH005B	PICK UP,DVD	PVR-502W R52 0219 MITSUMI PLAY	
		031	AF000467	6716DPH006B	PICK UP,DVD	SPU3151C SANKYO PLAYER FOR VE	
		429	79096221	1SZZR-0012A	SCREW,DRAWING	B-TITE	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		433	79096541	1SZZR-0050A	SCREW,DRAWING	+ 1 D2.0 L4.5 SWRCH16A/ZNY S-T	
		435	79097902	1SZZR-0011A	SCREW,DRAWING	MACHINE	
		***	**DECK ASSEMBLY(VCR)**	***			
		A00	AF000469	6721RF0954B	DECK ASSEMBLY,VIDEO	DECK/MECHA D37(M) DI (4HF,PAL,	NSP
		A01	AF000470	6723R-0603F	DRUM(CIRC) ASSEMBLY	DECK/MECHA (9P6S) D37-6CH PAL	
		A03	AF000380	4261R-0039A	ARM ASSEMBLY	DECK/MECHA CLEANER - D37	
		A11	AF000401	4471R-0017A	GEAR ASSEMBLY	DECK/MECHA P3 - D37	
		A12	AF000399	4471R-0015A	GEAR ASSEMBLY	DECK/MECHA P2 - D37	
		A21	AF000419	4931R-0084A	HOLDER ASSEMBLY	DECK/MECHA CST - D37	
		A22	AF000400	4471R-0016A	GEAR ASSEMBLY	DECK/MECHA RACK F/L - D37	
		A23	AF000379	4261R-0038A	ARM ASSEMBLY	DECK/MECHA F/L - D37	
		A24	AF000408	4511R-0005A	LEVER ASSEMBLY	SWITCH(C) - D37	
		003	AF000414	4930R-0449A	HOLDER	DECK/MECHA FPCB(6CH) - D37C MO	
		004	AF000429	5006R-0045A	CAP	DECK/MECHA FPCB - D37C MOLD	
		006	AF000056	4580R-0004A	ROLLER	CLEANER	NSP
		007	AF000376	4260R-0053A	ARM	DECK/MECHA CLEANER MOLD - D37	NSP
		008	AF000473	6850R-HG18Y	CABLE,FLAT	P=1.25 FFC UL2896(0.05X0.8) 7	
		009	AF000377	4260R-0056A	ARM	DECK/MECHA T/UP OTHER - D37	
		011	AF000381	4261R-0040A	ARM ASSEMBLY	DECK/MECHA TENSION - D37	
		012	AF000337	3041R-M037A	BASE ASSEMBLY	P2 -D37	
		013	AF000338	3041R-M038A	BASE ASSEMBLY	P3 - D37	
		014	AF000339	3041R-M039A	BASE ASSEMBLY	P4 - D37	

S	AL	LOCA. NO.		PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		015	AF000431	5870R-0007A	OPENER	DECK/MECHA LID OTHER - D37	
		016	AF000335	3041R-M036A	BASE ASSEMBLY	A/C HEAD (ALPS) - D37	
		016	AF000336	3041R-M036B	BASE ASSEMBLY	A/C HEAD (TDK) - D37	
		017	AF000388	4408R-0005A	REEL	DECK/MECHA S OTHER - D37	
		021	AF000391	4421R-M002A	BRAKE ASSEMBLY	T - D37	
		022	AF000447	6520D00004B	HEAD(CIRC)	ST ST FE HEAD FOR D37 13.5	
		023	AF000331	3040R-M056A	BASE	LOADING OTHER - D37	
		024	AF000382	4261R-0041A	ARM ASSEMBLY	DECK/MECHA IDLER(H)	
		026	AF000412	4681RF0039A	MOTOR ASSEMBLY	DECK/MECHA L/D - (DI) D37	
		027	AF000392	4470R-0133A	GEAR	DECK/MECHA WHEEL OTHER - D37	
		028	AF000389	4408R-0006A	REEL	DECK/MECHA T OTHER - D37	
		029	AF000378	4261R-0037A	ARM ASSEMBLY	DECK/MECHA PINCH - D37	
		031	AF000427	4970R-0175A	SPRING	COIL TENSION - D37	
		032	AF000344	3141R-M002A	CHASSIS ASSEMBLY	D37	NSP
		051	79096414	4400R-0005A	BELT	CAPSTAN	
		052	AF000409	4680R-A015A	MOTOR(MECH)	CAPSTAN F2QVB66 SANKYO FOR D37	
		052	AF000410	4680R-A016A	MOTOR(MECH)	CAPSTAN MCVC-037AA LGIT FOR D3	
		052	AF000411	4680R-A017A	MOTOR(MECH)	CAPSTAN DMVCMC20L SAMSUNG FOR	
		052A	AF000428	4980R-0029A	SUPPORTER	DECK/MECHA CAPSTAN OTHER - D37	
		054	AF000395	4470R-0136A	GEAR	DECK/MECHA RACK F/L OTHER - D3	
		054A	AF000425	4970R-0171A	SPRING	COIL RACK F/L - D37	
		055	AF000397	4470R-0140A	GEAR	DECK/MECHA DRIVE OTHER - D37	
		056	AF000396	4470R-0139A	GEAR	DECK/MECHA CAM OTHER - D37	
		058	AF000390	4421R-M001A	BRAKE ASSEMBLY	CAPSTAN -D37	
		060	AF000406	4510R-0065A	LEVER	DECK/MECHA F/R OTHER - D37	
		061	AF000387	4265R-0008A	CLUTCH ASSEMBLY	DECK/MECHA D37(M)	
		064	AF000398	4470R-0141A	GEAR	DECK/MECHA SECTOR OTHER - D37	
		065	AF000385	4261R-0044A	ARM ASSEMBLY	DECK/MECHA P3 - D37	NSP
		066	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		067	AF000394	4470R-0135A	GEAR	DECK/MECHA P3 OTHER - D37	NSP
		068	AF000393	4470R-0134A	GEAR	DECK/MECHA P2 OTHER - D37	NSP
		069	AF000073	4970R-0122A	SPRING	COIL D35	NSP
		070	AF000384	4261R-0043A	ARM ASSEMBLY	DECK/MECHA P2 - D37	NSP
		076	AF000404	4510R-0063A	LEVER	DECK/MECHA SPRING OTHER - D37	
		077	AF000350	3300R-M203A	PLATE	SLIDER OTHER - D37	
		078	AF000403	4510R-0062A	LEVER	DECK/MECHA TENSION OTHER - D37	
		079	AF000332	3040R-M057A	BASE	TENSION OTHER - D37	
		080	AF000405	4510R-0064A	LEVER	DECK/MECHA BRAKE OTHER - D37	
		100	AF000352	3301R-M193A	PLATE ASSEMBLY	TOP - D37	
		102	AF000426	4970R-0173A	SPRING	COIL STOPPER - D37	
		103	AF000417	4930R-0452A	HOLDER	DECK/MECHA SIDE (L) OTHER - D3	NSP
		105	AF000415	4930R-0450A	HOLDER	DECK/MECHA CST OTHER - D37	NSP
		106	AF000416	4930R-0451A	HOLDER	DECK/MECHA SIDE(R) OTHER - D37	NSP
		107	AF000402	4510R-0061A	LEVER	DECK/MECHA STOPPER OTHER - D37	NSP
		109	AF000432	5870R-0008A	OPENER	DECK/MECHA DOOR OTHER - D37	
		110	AF000374	4260R-0051A	ARM	DECK/MECHA F/L(L) OTHER - D37	NSP
		112	AF000021	3070R-0002A	BODY	F/L	NSP
		113	AF000424	4970R-0169A	SPRING	COIL F/L(R) - D37	NSP
		114	AF000375	4260R-0052A	ARM	DECK/MECHA F/L (R) OTHER - D37	NSP
		115	AF000407	4510R-0070A	LEVER	DECK/MECHA SWITCH(C) OTHER - D	
		116	AF000423	4970R-0163A	SPRING	COIL D35S SWITCH	
		405	AF000329	1MPC0301499	SCREW MACHINE,PAN HEAD	D3.0 L4.0 SWRCH18A/FZY	
		406	79096381	1MEC0302018	PAN HEAD MACHINE SCREW S/W +	D 3.0 L 6.0 MSWR3/FZY	
		409	79096384	1SZZR-0032B	SCREW,DRAWING	+ 1 D2.6 L5.0 SWRCH18A/FZY TAP	
		410	79096379	1APF0262218	SCREW TAP TITE(B),PAN HEAD	D2.6 L6.8 MSWR3/FZY	
		517	79096386	1WZZR-0004D	WASHER,DRAWING	STOPPER	
		518	79096385	1WZZR-0004A	WASHER,DRAWING	STOPPER	

MEMO

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